Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

stered with USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADOUADTEDO TECT inch 23-R-0001, Cust ld 207

PHILADELPHIA COLLEGE OF PHARMACY/SCIENCE

600 SOUTH 43RD STREET PHILADELPHIA, PA 19104

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites)

	x 7/, P/C C				
REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESÉARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	4	0	0	4
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	10	48	0	58
7. Hamsters	0	0	0	0	0
8. Rabbits	0	7	0	0	7
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	\mathcal{O}	0
11. Pigs	0	0	0	<u> </u>	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	<u> </u>	0
			,		

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

20 20-

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

with USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUA' include Zir 23-R-0003, Cust ld 212

> LANKENAU MEDICAL RESEARCH CENTER, THE 100 LANCASTER AVE WYNNEWOOD, PA 19096

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites)

Research Annex

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	3	0	3
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	54	0	54
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIA	41.
(Chief Executive Officer or Legally Responsible Institutional Official)	

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

10/13/00

APHIS FORM 7023

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED

OMB NO 0579-0036

ed with USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADOL 23-R-0005, Cust ld 219 include 2

MCP HAHNEMANN UNIVERSITY

MAIL STOP 490 **BROAD & VINE**

PHILADELPHIA, PA 19102

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these -purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites)

MCP Hahnemann Univ. - 245 N. 1542 St., Philadelphia, PA 19102 HCP Hahnemann Univ. 2900 Queen Lane, Philadelphia, PA. a Drexel Univ., Calhountab., 31st a Harket Sts., Philadelphia, PA 19104

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or fests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or fests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	20	0	20
5. Cats	2	0	0	0	O
6. Guinea Pigs	0	134	39	0	173
7. Hamsters	0	0	0	O	O
8. Rabbits	5	85	233	0	3/8
9. Non-human Primates	0	0	3	0	3
10. Sheep	0	0	0	0	0
11. Pigs	0	48	8114	8 O u	59
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					
Prairie Dog	0	0	40	0	40

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

10/18/00

PITTSBURGH MERCY HEALTH SYSTEM

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQL include 2 23-R-0006, Cust ld 280 ed with USDA,

1400 LOCUST STREET PITTSBURGH, PA 15219

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Sites)

Cancer Research Lab

Microsurgical	I.ab				
REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	f (Attach adidilional sheets if ne	cessary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the feaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
. 11. Pigs					
12. Other Farm Animals					
13. Other Animals					
NOT APPLICABLE	ONLY M	CE & RAT	USED LAST Y	EAR	
	<u> </u>				n

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Legisly that the above is true correct, and complete (7.11.5.C. Section 2142)

SIGNATURE OF C.F.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF CEO OF INSTITUTIONAL OFFICIAL CONT.

DATE SIGNED

9/21/00

APHIS

ASSURANCE STATEMENTS

. UPdated

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

THE TEST OF A CONTROL OF A STREET COMES

meruna 22-8-0007 Cust id 281

78.3 WTEX 10

COVANCE RESEARCH PRODUCTS INC 310 SWAMPBRIDGE ROAD PO BOX 7200

FED 20

्रिकार १२८५६) १५४ च्या १८७१ छ।**४**

DENVER, PA 17517 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or income sheets if necessary)

«Hach additional

FACILITY LOCATIONS (Siles)

Covance Research Products Inc.

Telephone: 717-336-4921

465 Swamp Bridge Rd. Denver. PA 17517

(see attached sheet)

DETIVET, PA [/)]/ REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Affacts activational showts if inacessars or use APHIS FORM 7023A)						
A. Animals Covered By The Animal Welfare Regulations	Number of animals being bred, conditioned, or neld for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes	C Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain distress, or use of pain- relieving drugs	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquelizing drugs were used.	E. Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (In explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affected to this report).	TOTAL MO OF AMMALS (Cols. C + D + E)	
4. Dogs	121	327	122		449	
5. Cats	0	0	6		6	
6. Guinea Pigs	145	918	149		1_067	
7. Hamslers		0	0		0	
8. Rabbits	167	10,150	991		1,141	
9. Non-human Primates	0	5.5	. 0		55	
10. Sheep	153	258	78		336	
11 Pigs	31	81	301		382	
12. Other Farm Animals						
goats	83	50	2.5		75	
13 Other Animalshorses	3 0	9	0		9	
cows/bovine	0	0	7		7	
burro	0	2	0		2	
chickens	131	452	0		452	
ASSURANCE STATEMENTS						

- Professionally acceptable standards governing the care: freatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquitizing drugs, prior to, during and following actual research feaching: festing, surgery or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This lacitity is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC upproved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The uttending veteriliarian for this research facility has appropriate authority to ensure the provision of adequate veterinary cure and to oversee the adequacy of other aspects of animal care and use

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
Si		DATE SIGNED

APHIS FORM 7023 (AUG 91)

Her ales VS FORM 18 23 (OCT 88) which is phobale a

Registration No 23 R-0007 - Covance Research Products Inc.

3. Reporting Facility (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Covance Research Products Inc. – Michigan 6321 South 6th Street Kalamazoo, MI 49009-9611 Telephone: 616/375-0482

Texas Primate Center Jim Wells County Road #381 Alice, TX 78333 Telephone: 512/664-4984

Covance Research Products Inc. – CA Experimental/Surgical Center 800 University Avenue Berkeley, CA 97410 Telephone: 510//704-0140

Covance Research Products Inc. – CA 1223 South 6th Street Richmond, CA 94804-4609

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 73-K-00/D

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (No include Zip 22 D.0040 Crist Id 284

with USDA

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

JUNIATA COLLEGE 1700 MOORE STREET HUNTINGDON, PA 16652

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, to experimentation, or neid for these purposes. Attach additional sheets it necessary.)

3 2.00

FACILITY LOCATIONS (Siles)

Brology Dept Brum basgn science Center

Raystown Field startion

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMAL (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
					<u> </u>

SSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
The state of the s

Title that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/25/00

FORM APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

، **نو**ر در این در ای

NOV = 5 200U

2. HEADQUAP

1. REGISTRATION NO.

OMB NO: 0579-0036

with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

include Zip 23-R-0012, Cust ld 286

SMITHKLINE BEECHAM PHARMACEUTICALS 709 SWEDELAND ROAD P.O. BOX 1539 KING OF PRUSSIA, PA 19406

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites)

Buildings 3, 4, 21, 26 - Upper Merion

Building 2 - Upper Providence

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach actiditional sheets if necessary or use APHIS FORM 7023A)						
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)	
4. Dogs	34	197	101	0	298	
5. Cats	0	0	0	0	0	
6. Guinea Pigs	0	1674	353	0	2027	
7. Hamsters	0	5	0	0	5	
8. Rabbits	79	306	556	0	862	
9. Non-human Primates	161	506	64	0	570	
10. Sheep	0	0	0	0	00_	
11. Pigs	6	18	0	0	18	
12. Other Farm Animals	0	0	0	0	0	
13. Frogs	3	28	0	0	28	
13. Other Animals Gerbi	s 0	541	0	0	541	
Ferrets	2	120	6	0	126	
Tree shrews	0	5	0	0	5	
Cotton Rats	0	0	447	0	447	
ASSURANCE STATEMENTS				to use of possibility analogies and transmitting drugs of		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 USC Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Print)	DATE SIGNED			
		7/12/00			

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED

OMB NO 0579-0036

2. HEADOL 23-R-0013, Cust ld 297

ad with USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

DUQUESNE UNIVERSITY OF THE HOLY GHOST CENTRAL ANIMAL CARE FACILITY

BLUFF STREET

PITTSBURGH, PA 15282

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes	. Attach additiona
sheets if necessary.)	

FACILITY L	OCATIONS ((Sites)
------------	------------	---------

Animal Facility - Bayer Learning Ctr.

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					<u> </u>
8. Rabbits					
9. Non-human Primates					
10. Sheep					ļ
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
····					
					1

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL Clype of Prints

DATE SIGNED

10/2/00

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

UCT 1 6 2000

2. HEADQU

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

HEADQU, include Zi 23-R-0014, Cust Id 296

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

DONALD GUTHRIE FOUNDATION ONE GUTHRIE SQUARE SAYRE, PA 18840

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Actach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Gulhie Research Institute

A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cois. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		17			17
9. Non-human Primates					ļ
10. Sheep					
11. Pigs			3		3
12. Other Farm Animals					
13. Other Animals					
					ļ
					<u> </u>

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFIC	CIAL
(Chief Proportion Officer on Lorollo Decomposite Lorotional Official	11

(Chief Executive Officer or Legally Responsible Institutional Official)

1 certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

e is trust, amount and complete (1 0 0 0 occinum 2 1 is)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

10/400

APHIS FORM 7023 (AUG 91)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

UTBU DOA AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 23-R-0016 FORM APPROVED

OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEAT 23-R-0016, Cust id 289

474 2 0 3000

with USDA,

University of Pittsburgh S1040 Biomedical Science Tower 3500 Terrace Street Pittsburgh, PA 15261

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) See attached.

REPORT OF ANIMALS USED BY OF	UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affected to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	20	10	150	0	160
5. Cats	23	1	56	0	57
6. Guinea Pigs	0	26	42	0	68
7. Hamsters	68	8	621	0	629
8. Rabbits	28	188	865	0	1053
9. Non-human Primates	275	193	206	0	399
10. Sheep	3	0	3	0	3
11. Pigs	0	51	207	0	258
Goats 12. Other Farm Animals	0	0	12	0	12
Cattle Ferrets	2 2	8	91 14	0	91 14
13. Other Animals Frogs	0	110	0	0	110
Prairie Dogs	0	0	15	0	15

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered afternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL	٠
(Chief Executive Officer or Legally Responsible Institutional Official)	

SIGNATURE OF

DATE SIGNED

1 11/91 or

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1 REGISTRATION NO. 23-R-0017

FORM APPROVEDS /acuo, e7 20 ON BMO

2. HEADQUARTERS RESEARCH FACE TO

I with USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

include Zir 23-R-0017, Cust ld 301

FRANKLIN & MARSHALL COLLEGE (10) 2003

P.O. BOX 3003 LANCASTER, PA 17604

...purmentation, or held for these purposes. Attach additional 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, t

FACILITY LOCATIONS (Sites)

Department of Biology, Fackenthal Lab, Franklin & Marshall College

Department of Psychology, Whitely Lab, Franklin & Marshall College

REPORT OF ANIMALS USED BY C	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.) *	
A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates		32			32
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Ecertify that the above is true, correct, and complete (7.U.S.C. Section 2143)

Arnia Funivi 1023 (AUG 91)

(neplaces voirunm 16-23 (UC) 66), which is obsolete j

additional infortiation

0186 DC4 AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO

FORM APPROVED OMB NO. 0579-0036

DECEADON FACILITY (Name and Address, as registered with USDA include 2 23-R-0020, Cust ld 549

> SWARTHMORE COLLEGE 500 COLLEGE AVENUE SWARTHMORE, PA 19081

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentally, sheets if necessary)

tach additional

FACILITY LOCATIONS (Sites)

Edward Martin Biology Laborator Rooms 9 and 10

				40.00 50.004 70004	
REPORT OF ANIMALS USED BY	OR UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.) '	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquillzing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	100	250	70	0	320
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ACCUIDANCE STATEMENTS					

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Ficertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. O

DATE SIGNED

APHIS FORM 7023 (AUG 91)

UN. JED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CENTIFICATE NUMBER: 23-R-0021

CUSTOMER NUMBER: 306

FORM APPROVED OMB NO. 0579-0036,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Pennsylvania State University 304 Old Main University Park, PA 16802

NO 30 500

Telephone: (814) -865-1495

1. REPORTING FACILITY (List all locations where shimals were housed of used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

College of Medicine, The Milton S. FACHITY LOCATIONS (Shee) . See Amethed Listing Office of the Vice Pres. for Res. Hershey Med. Ctr., Hershey, PA Animal Resource Prog., Univ.Park,PA

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, teating, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, axperiments, or tasts were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or disress to the animals and for which appropriate ensethetic, analgesic, or tranquilizing drugs were used.	E. Number of enimals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate ansethetic, enalgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the research such drugs were not used must be attached to this report.).	F. TOTAL NUMBER OF ANIMALS (COLUMNS
4. Dogs	0	0	27	0	27
5. Cats	0 .	234	29	0	263
6. Gulnea Pigs	0	23	8	0	31
7. Hamsters	0	0	6	0	6
8. Rabbits	4	121	738	0	859
9. Non-human Primates	0	0	42	0	42
10. Sheep	0	0	14	0	14
11. Pigs	0	0	108	0	108
2. Other Farm Animals Chickens	0	0	254	0	254
Calves	0	48	25	0	73
3. Other Animals FYOGS	0	14	22	0	36
White-tailed	166	25	57	0	82
Woodchucks	0	5	16	0	21
Goats	0	1	0	0	1

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anessade, analgesic, and tranquilizing drugs, prior to, during, and following accuse rescench, leaching, leading, surgery, or experimentation were followed by this research facility:
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summery of all such exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summery includes a brief explanation of the exceptions, as well as the species and number of enimals effected.
- 4) The atlanding veterinaries for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of enimal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

INAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/29/00

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

APHIS FORM 7023 (AUG 91)

THE SOLUTION OF LCDICULTURE

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 23-R-0021

Customer#306

and the second second second

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address as registered with USDA include Zip Code)

The Pennsylvania State University

304 Old Main

University Park, PA 16802 Telephone: (814) 865-1495

CONTINUATION SHEET FOR ANNUAL REP	ORT
OF RESEARCH FACILITY	
(TYPE OR PRINT)	

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Atlach adultional sheets if no	cossary or use this form)	
A. Animals Covered By The Animal Welfare Regulations 12 &/OR 13 Other (Ust by species)	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or lests were conducted invalving no pain, distress, or use of pain, relieving drugs.	D Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, enalgresic, or tranquitzing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or fests were conducted involving accumpanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or transquilizing drugs would have adversely affected the procedures, results, or interpretation of the feaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMAL; (COIS. C + D += E)
Bats	0	9	0	0	9
			,		
			·		
					, <u></u>
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the cure, treatment, and use of animals, including approximate use of aniesthetic, analysis, and tranquilizing drugs, prior to, dirring and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal revestigator has considered attenuatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the spix is an infinite of animals affected.
- 4) The attending voterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) (Certify that the above is love, correct, and complete (2 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ITTUM IN PRINTE	DATE SIGNED		
,		11/29/2000		

Summary of IACUC-Approved Exemptions to Regulations and Standards

IACUC-Approved Exemption	Description of IACUC- Approved Exemption	Species of Animal	Number of Animals
Section 3.81 Environment Enhancement and Section 3.83 Watering	Individual housing while on behavioral experiments and water restriction during taste testing	Nonhuman Primate	12
Section 3,126(a)(c) Ambient Temperature and Lighting	Reduced temperature and lighting to induce hibernation	Woodchuck	4
Section 2.31(x) Multiple Surgery	First to create cardiac hypertrophy and the second for renal hypertension	Dog	11

ASSURANCE STATEMENTS USDA ANNUAL REPORT

Facility Name:	The Pennsylvania State University	
Registration Number:	<u>23-R-0021</u>	
of animals, including approp	essionally acceptable standards governing the oriate use of anesthetic, analgesic, and trandesearch, teaching, testing, surgery, or experin	quilizing drugs, prior to
This facility assures that e procedures.	each principal investigator has considered	alternatives to painfu
required that exceptions to the investigator and approved by there are exceptions, a summer or the summer of the s	adhering to the standards and regulations und be standards and regulations be specified and e by the Institutional Animal Care and Use Com mary of exceptions will be attached to our <u>Anr</u> commonwealth Campuses, Hershey Medical Commonwealth Campuses, Hershey Medical Completers	explained by the principa nmittee (IACUC). Wher nual Report of Research
	e attending veterinarians have appropriate nary care and to oversee the adequacy of othe	
		ルクスターので Date Signed
Signature of Institutional Offi	icial Title	Date Signed

Customer ID and Site Address:

-ID:306

101 Centralized Biological Lab. University Park, PA 16802 County: Centre **Telephone** (814) 865-1495

ID:306

101 Centralized

Telephone

Biological Lab Fleming, PA 16802 County: Centre

**This facility is not located in Fleming, PA. It is located at University Park, as indicated on the previous page.

ID:306

Arf,Caq. & Gro-Mor

Barn

Hershey, PA 17033 County: Dauphin Telephone

(717) 531-8462

ID:306

100 N. Academy Avenue Danville, PA 17822

County: Montour

Telephone

0180 00A AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO

FORM APPROVED

2. HEADQUA

include Zi₁ 23-R-0024, Cust ld 316

4 with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

CARNEGIE MELLON UNIVERSITY 5000 FORBES AVE PITTSBURGH, PA 15213

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

Mellon Institute, Room 391

4400 Fifth Avenue

Pittsburgh, PA 15213

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (COIs. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Rats	40	20			
Mice	25	0			

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CER	TIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(C	Chief Executive Officer or Legally Responsible Institutional Official)
	Learlify that the above is true correct and complete (7.11.0.0. Contrar 21.42)

DATE SIGNED

12/8/00

(AUG 91)

ORIGINAL

PART 1 . 4F170 117

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO

FURM APPROVED OMB NO 0579 0039

2. HEADQUA

include Zi, 23-R-0024, Cust ld 316

1 with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

CARNEGIE MELLON UNIVERSITY 5000 FORBES AVE

PITTSBURGH, PA 15213

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

CNBC Primate Physiology Lab

4400 Fifth Avenue

15213

Mellon Institu				rgh, PA 15213	
REPORT OF ANIMALS USED BY O			(Attach adiditional sheets if ne	cessury or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates	5		15		20
10. Sheep		1.0.1.1.1			
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL	
(Chief Executive Officer or Legally Responsible Institutional Official)	
Legitly that the above is true, correct, and complete (7 U.S.C. Section 2143)	

12/8/00

DATE SIGNED

APHIS FORM 7023 (AUG 91)

SI

(Replaces VS FORM 18-23 (OCT 88), which is obsolete)

ORIGINAL

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1 REGISTRATION NO

FORM APPROVED. OMB NO 0579 0036

2. HEADQUA

1 with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

include Zi, 23-R-0024, Cust ld 316

CARNEGIE MELLON UNIVERSITY 5000 FORBES AVE PITTSBURGH, PA 15213

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

> **FACILITY LOCATIONS (Siles)** 4400 Fifth Avenue

Mellon Institute, Rooms 142 A-E

Pittsburgh NMR Center

Pittsburgh, PA 15213

REPORT OF ANIMALS USED BY O				cessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Rats	7.5		800		
Mice	1,500		1,250		
ASSURANCE STATEMENTS	<u></u>				

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2). Each principal investigator has considered alternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

12/8/00

(AUG 91)

ORIGINAL PART & PERTURNAL TERM

0180 COA 4N

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED

OMB NO 0579-0036

2. HEADQUAPTERS DESEARCH EACH ITY (Name and Address include Zij 23-R-0025, Cust ld 325

(b)(6), (b)(7)(C)

PHILADELPHIA COLLEGE/OSTEOPATHIC MED.

4170 CITY AVENUE PHILADELPHIA, PA 19131

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or neith for interest purposes. Artach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

REPORT OF ANIMALS USED BY O	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adiditional sheets if necessary or use APHIS FORM 7023A) '					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)	
4. Dogs				-		
5. Cats						
6. Guinea Pigs		20	20		40	
7. Hamsters						
8. Rabbits		3	8		11	
9. Non-human Primates						
10. Sheep						
11. Pigs	1		4		4	
12. Other Farm Animals						
13. Other Animals						
Rats		153			153	
Mice		674			674	

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and franquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIA	L
(Chief Executive Officer or Legally Reconneitle Ineffectional Official)	

SIGNATURE OF C.E.O. OF

ASSURANCE STATEMENTS

DATE SIGNED

23 200

APHIS FORM 7023 (AUG 91)

(Heplaces VS FOHM 18-23 (OCT 88), which is absolute)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUATERS DESERBOY FACILITY OF include Z 23-R-0027, Cust ld 328

ed with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

(b)(6), (b)(7)(C)

TEMPLE UNIVERSITY OLD MEDICAL SCHOOL, MEDICAL RESEARCH BLDG., KRESGE BLDG., PARMACY/ ALLIED

PHILADELPHIA, PA 19140

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Siles)

Site#2: 9th Floor, Medical Research Building

Site#3: Basement, Kresge Building

Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMAL (Cols. C + D + E)
4. Dogs			88		88
5. Cats			68		68
6. Guinea Pigs		253	11		264
7. Hamsters					
8. Rabbits		14	220		234
9. Non-human Primates					
10. Sheep			18		18
11. Pigs			9		9
12. Other Farm Animals					
13. Other Animals					

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, lesting, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

(Chief Executive	Y HEADQUARTES RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional Official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces V\$ FORM 18-23 (OCT 88), which is obsolete.)

Say in various sudiction additional information 0180 OCA AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED

as rounctored with USDA

OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUAPTEDE DECEADON FACILITY (Name and Address include Zi, 23-R-0030, Cust ld 332

> CEPHALON, INC. 145 BRANDYWINE PARKWAY WEST CHESTER, PA 19380

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or new ror mese, purposes, except additional

FACILITY LOCATIONS (Siles)

145 Brandywine Parkway West Chester, PA 19380

sheets if necessary)

A. Ammals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs			12		12
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep		,			
11. Pigs					
12. Other Farm Animals		·			
13. Other Animals					
	<u> </u>				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Legally that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIC		DATE SIGNED
(
<u></u>		

(AUG 91)

UNIT OF STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

2. HEADQUAR' include Zip (23-R-0032, Cust ld 334

vith USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

ALBERT EINSTEIN HEALTHCARE NETWORK
KORMAN RESEARCH PAVILION
5501 OLD YORK ROAD
PHILADELPHIA, PA 19141

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

Korman Research Pavilion, Central Animal Facility

FACILITY LOCATIONS (Sites)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	1	0	3	0	4
5. Cats	0	0	2	0	2
6. Guinea Pigs	_	_	_	_	
7. Hamsters	_	_		_	-
8. Rabbits	0	0	55	0	55
9. Non-human Primates	-	-	_	_	
10. Sheep	-	_	_	_	_
11. Pigs	0	0	66	0	66
12. Other Farm Animals	-	_	-		_
13. Other Animals	_	-	_	_	_

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

11/20/00

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUAR'

include Zip (23-R-0032, Cust ld 334

with USDA

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

ALBERT EINSTEIN HEALTHCARE NETWORK KORMAN RESEARCH PAVILION 5501 OLD YORK ROAD PHILADELPHIA, PA 19141

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

Korman Research Pavilion, Central Animal Facility

FACILITY LOCATIONS (Siles)

A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	1	0	3	0	4
5. Cats	0	0	2	0	2
6. Guinea Pigs	_	••	_	_	_
7. Hamsters			_	_	_
8. Rabbits	0	0	55	0	55
9. Non-human Primates	_		-	_	-
10. Sheep	-		_		_
11. Pigs	0	0	66	0	66
12. Other Farm Animals	_	-	-	-	_
13. Other Animals	_	-	_	_	_

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

11/20/00

Total Drop AN TAX

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO033

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

The Children's Hospital of Philadelphia Joseph Stokes, Jr., Research Institute 3516 Civic Center Boulevard Philadelphia, PA 19104-4318

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets it necessary.)

FACILITY LOCATIONS (Sites)

HEADQUARTERS RESEARCH FACILITY

animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
0	0	2	0	2
0	0	0	0	0
0	0	2	. 0	2
0	0	0	0	0
0	95	261	0	356
0	0	0	0	0
0	62	68	0	130
0	299	140	0	439
0	0	0	0	, 0
0	Ω	11	0	1
0	0	0	0	0
0	0	48	0	48
	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. O O O O O O O O O O O O O O O O O O O	bred, conditioned, or held for use in teaching, testing, experiments, or tests were conducted involving an or surgery but not yet used for such purposes. O O O O O O O O O O O O O O O O O O O	bred, conditioned, or held for use in leaching, research, nor least were conducted involving accompanying pain or distress, or least were conducted involving accompanying pain or distress, or least were conducted involving accompanying pain or distress, or least were conducted involving accompanying pain or distress, or least were conducted involving accompanying pain or distress, or least were conducted involving accompanying pain or distress, or least were conducted involving accompanying pain or distress in the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used for such purposes. O O O O O O O O O O O O O O O O O O O

SOMMINGE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

4 certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

11/30/10

APRIS FUNIVI 7023 (AUG 91)

SIC

(Mepiaces VS FORM 18-23 (OCT 88), which is obsolete.)

0180 (n)A AN

FORM APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE

1. REGISTRATION NO. 23-R-0639

OMB NO 0579-0006

ored with USDA.

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

2. HEAD includ 23-R-0039, Cust ld 462

> MAGAININ PHARMACEUTICALS INC. 5110 CAMPUS DRIVE PLYMOUTH MEETING, PA 19462

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Dept. of Phurmacology (Physiology, Magainan Phurmacodals Inc., 5110 Campus Drive, Plymouth Meeting 12 19462

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	Ø				Ø
5. Cats	Ø				0
6. Guinea Pigs	6				Ø_
7. Hamsters	Ø				Ø
8. Rabbits	Ø				Ø
9. Non-human Primates	4				Ø
10. Sheep	Ø				Ø
11. Pigs	Ø				Ø
12. Other Farm Animals	Ø				0
13. Other Animals	Ø				Ø

- 1) Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2). Each principal investigator has considered atternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO 23

FORM APPROVED OMB NO 0579-0036

ith USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

JAN 1 2 2001

2. HEADQUART Cust Id 466 include Zip C 23-R-0041,

YORK COLLEGE OF PENNSYLVANIA DEPT. OF BIOLOGICAL SCIENCES

YORK, PA 17405

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

A. Animals Covered By The Animal Wellare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or fests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the feaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		1			
7. Hamsters		1			
8. Rabbits					
9. Non-human Primates	9		10		
10. Sheep		9			
11. Pigs		/	500		
12. Other Farm Animals			T an		
13. Other Animals					
		· · · · · · · · · · · · · · · · · · ·			
				***************************************	ļ

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

APHIS

(AL___,

-R = 0043

I ITED STATES DEPARTMENT OF A RICULTURE AL AND PLANT HEALTH INSPECTION SERVICE 1 REGISTRATION NO

2. HEADOU

FORM APPROVED A

OMB NO 0579-0036 V

ad with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

include 23-R-0043, Cust ld 472 (b)(6), (b)(7)(C)

MANOR JUNIOR COLLEGE

VETERINARY TECHONOLOGY PROGRAM

Sectionalist side for additional information

700 FOX CHASE ROAD JENKINTOWN, PA 19046

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites)

Motherhouse Barn

Room 15, Academic Building

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMAL (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		6			
7. Hamsters		0			
8. Rabbits		6			
9. Non-human Primates		0			
10. Sheep		0			
11. Pigs		0			
12. Other Farm Animals		3			
Horses					
13. Other Animals					

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

- Professionally acceptable standards governing the ore, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Annual Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

Exertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/21/00

U FED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

الأهراء أأحرا

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

23-R-0043 2. HEADOU

include 2 23-R-0043, Cust ld 472

ad with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

(b)(6) (b)(7)(C)

MANOR JUNIOR COLLEGE
VETERINARY TECHONOLOGY PROGRAM
700 FOX CHASE ROAD

JENKINTOWN, PA 19046

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Motherhouse Barn Room 15; Academic Building

REPORT OF ANIMALS USED BY	OR UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	ecessary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research,	F. TOTAL NO. OF ANIMALS (COIS. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		6			
7. Hamsters		0			
8. Rabbits		6			
9. Non-human Primates		0			
10. Sheep		0			
11. Pigs		0			
12. Other Farm Animals		3			
Horses					
13. Other Animals					
ASSURANCE STATEMENTS	. •	786			

- 1) Professionally acceptable standards governing the ...ore, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	•				
CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
		11/21/00			

edenije, jed 6150 čeja AM

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

<u>23-r-</u>046 Whith USDA 2. HEADQUA include Zix 23-R-0046, Cust ld 347

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

BUCKNELL UNIVERSITY DEPT. OF BIOLOGY/PSYCHOLOGY LEWISBURG, PA 17837

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) Psychology Department Psychology Laboratory

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which feaching, experiments, research, surgery or fests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the feaching, research, experiments, surgery, or fests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMAL (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	56	10	118	0	128
8. Rabbits					
9. Non-human Primates	0	24	0	0	24
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS	<u> </u>	<u> </u>		İ	<u> </u>

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Legally that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
	•	11/3/0		

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED OMB NO 0579 0036

2. HEADQUARTEF include Zip Coc 23-R-0049, Cust ld 502 ---- on consetered with USDA

ANNUAL REPORT OF RESEARCH FACIL (TYPE OR PRINT)

WESTMORELAND TESTING AND RESEARCH, INC. P.O. BOX 291

SCOTTDALE, PA 15683

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Account additional sheets if necessary.) **FACILITY LOCATIONS (Sites)**

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.) B. Number of E. Number of animals upon which teaching, Number of D. Number of ammals upon animals being animals upon experiments, research, surgery or tests were which experiments, which leaching, Animals Covered bred. conducted involving accompanying pain or distress teaching, research, conditioned, or to the animals and for which the use of appropriate By The Animal Welfare Regulations TOTAL NO research. surgery, or tests were anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or held for use in experiments, or conducted involving OF ANIMALS teaching, testing, lesis were accompanying pain or interpretation of the teaching, research, experiments, conducted distress to the animals experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these research, or involving no (Cols. C + D + E) and for which appropriate surgery but not pain, distress, or anesthetic, analgesic, or animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were purposes. must be attached to this report). relieving drugs. 4. Dogs Cats Guinea Pigs Hamsters Rabbits Non-human Primates 10. Sheep Pigs Other Farm Animals 13. Other Animals

ASSURANCE STATEMENTS

- Prolessionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.F.O. OR INSTITUTIONAL OFFICIAL CHARGE DESIGNAL

DATE SIGNED

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

APHIS FORM 7023 (AUG 91)

See attached form for additional information

Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 23-R-0052 CUSTOMER NUMBER: 348

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

California University Of Pa Graduate Studies & Research 250 California Avenue California, PA 15419

DEC 14 2000

Telephone: (412) -938-4187

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primate	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNA

APHIS

OTEG OGA AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUART include Zip (23-R-0053, Cust ld 539

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

DAD'S PRODUCTS COMPANY, INC. P.O. BOX 451-D MEADVILLE, PA 16335

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

DAD'S Creexside Nutrition Center Mill St. Meadville, PA 16335

REPORT OF ANIMALS USED BY C				فيتنا والمستون والمستوال والمستوال والمستون والمستون والمستون والمستون والمستون والمستون والمستون والمستون	T
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in leaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMAL (Cols. C D + E)
4. Dogs		24			24
5. Cats		60			60
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep	<u> </u>				
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
, i , , , , , , , , , , , , , , , , , ,					

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO. 23-R-0055

Ursulaida ÁN

يريين کا کا

2. HEADOUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

23-R-0055, Cust ld 340

(b)(6)_(b)(7)(C)

WISTAR INSTITUTE, THE 3601 SPRUCE STREET PHILADELPHIA, PA 19104

COT 2000	
----------	--

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) The Wistar Institute Animal Facility

FACILITY LOCATIONS (Sites)

THE WISTAR INSTITUTE

	Animals Covered By The Animal /ellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMAL (Cols. C - D + E)
4. Dogs	3	0	0	0	0	0
5. Cats		0	0	0	0	0
6. Guin	ea Pigs	0	15	0	0	15
7. Ham	sters	0	0	0	0	0
8. Rabb	oits	0	50	0	0	50
9. Non-	human Primates	0	0	0	0	0
10. She	ер	0	0	0	0	0
11. Pigs		0	0	0	0	0
12. Othe	er Farm Animals	0	0	0	0	0
13. Othe	er Animals	0	0	0	0	0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certily that the above is true, correct, and complete (7 USC Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF CE O. OR INSTITUTIONAL OFFICIAL (Type of Punt)	10/17/2m		

APHI

Dec-08-00 03:14P Pittburgh Zoo

6616532 242 140 0**00**0 ...P. 01

This report is equited by lew 17 USC 2143. Faculte to remont according to the circulations can tends in his week in cases and desics and to be subject to peraftiac as provided for in Section 3:50

DOCKING THE THE TOTAL

Priteragency Report Control No. 0196-DCA-AN

UMITED STATES DEPARTMENT OF ACHIOUCIUME

AMMAL AND PLANT HEALTH MEDICTION SERVICE

1 REGISTRATION NO

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

23-R-0056, 626	Owifi NO 0579-0030
B. HEADQUARTERS RESEASON FACILITY (WARRY AND AS MICHIGO ZID COURS)	adress. As registered —ith USDA
Pittsburgh Zoor Age one will Place	iarium
one will Place	
Pgn, PA 15206	

3. REPORTING FACELYY (Lat all locations where brought sage bossed or send in actual requests, teathing, or experimentation, or hold for these parameter attacks additionally Personal interestable

FACILITY LOCATIONS (S-NY)

ā, Animāhi Comorad By Thy animāi Wellare Ragulā lians	B Mumber of animals being book, coachinorall or half far year on teaching, letting, supermants, its about not yet used for such gerpotes	C harmbor as joined by secon which is cothing, rightairth, subservibinist or lesss work one duction invasiving no pain, cuttings, or inter of paint religious drugs.	D Budder (I birakist symbolich experiments, specially, residents, sunger, of feats wert specially of feats wert specially of feats with a district to the budder of district to the budder of the budd	E number of elverage upon which teaching, experiments, research, surjectly or tests were surjectioned recomming accompanying pain or tests resident the upon of the properties of the test of the properties of the test of the properties of th	TOTAL NO OF AMMALY
4. Dogs	O	O	0	0	0
5. Cals	0	0	O	E	0
6. Guines Pigs	0	0	0	0	0
7. Harnstens	0	0	Ö	<u>ۇ</u>	C
8. Rabbin		Ċ	Ü	Ö	0
9. Non-human Primates	0	0	Ü	0	Ċ
10. Sheep	0	Ö	0	Ó	0
II. Pios	0	0	<i>(</i>)	<u> </u>	<i>Ċ</i>
12. Other Ferm Animals	0	Ö	U	0	0)
				0	· · · · · · · · · · · · · · · · · · ·
12. Other Animals	0	0	0	<u>Q</u> .	0

- Protessionally acceptable planed agreeming the Gire, treplings) and use of physicistic use of physics and physics and processing design, proc. to, their, and tolorang actual research, teaching, terring, design, and tolorang actual research.
- Fil Each promised imagingation has considered premiutives to pointly procedures
- 3) This builting is adhering to the stundords and regulations be specified and exequined by the process of the second and regulations be specified and exequined by the percentage investigation and approved by the institutional animal Care and Use Committee (InCOC). A summary as all such among those is established to this armship report to adminishing the InCOC opprised exceptions, this describes a likely included a likely and the process of the specific process. By the lack of the specific process.
- 4). The attempting visioniturior for their resourch facility has appropriate withoutly to whater the previous of adequate extinuinary transfer and to over see the antequacy of attempting of a stronger of the attempting of their resource for DON DHE BYS I LENANT

CENTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICEAL (Chief Executive Officer or Legally Responsible Institutional Official) (Chief Executive at the above is true contest, and considered U.S.C. Section 7 (42)					
SIGNATURE OF C.E.O. OR WATITUTIONAL OFFICIAL	MAME & TITLE OF CER OR INSTITUTIONAL OFFICIAL TYPE OF PRINTS	DATE SIGNED			
		BDec.			

APHIE FORM 7023 (AUG 91)

(Mapisone VS PORM 18-23 (OCT 68), which is absorbed

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO. FORM APPROVED 23-R-0058 OMB NC 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip C 23-R-0058, Cust Id 351

> INSTITUTE FOR CANCER RESEARCH FOX CHASE CANCER CENTER 7701 BURHOLME AVE.

PHILADELPHIA, PA 19111

additional

1.4

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, tea

11 212

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adultional sheets if necessary or use APHIS FORM 7023A.) Number of animals upon which teaching, B. Number of C Number of D. Number of animals upon experiments, research, surgery or tests were animals being animals upon which experiments, conducted involving accompanying pain or distress bred, which teaching, **Animals Covered** teaching, research, to the animals and for which the use of appropriate By The Animal conditioned, or research, TOTAL NO. surgery, or tests were held for use in anesthetic, analgesic, or tranquilizing drugs would OF ANIMALS Welfare Regulations experiments, or conducted involving teaching, testing, tests were have adversely affected the procedures, results, or accompanying pain or distress to the animals interpretation of the teaching, research, experiments conducted experiments, surgery, or tests. (An explanation of (Cols. C + D + E) research, or involving no and for which appropriate the procedures producing pain or distress in these surgery but not pain, distress, or anesthetic, analgesic, or animals and the reasons such drugs were not used vet used for such use of paintranquilizing drugs were must be attached to this report). purposes. relieving drugs -0--0--0--0--0-Dogs -0--0--0--0--0-Cats -0--0--0--0--0-Guinea Pigs -0--0--0--0--0-Hamsters -0-27 27 -0--0-8 Rabbits Non-human Primates -0--0--0--0--0--0--0--0--0--0-10. Sheep -0--0--0--0--0-11. Pigs 12. Other Farm Animals 13. Other Animals -0-21 -0woodchucks -0-21

FACILITY LOCATIONS (Sites)

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Lectify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SI	DATE SIGNED
	10/6/00

APHIS FORM 7023 (AUG 91)

ASSURANCE STATEMENTS

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

See attached form for additional information

= : 17 1 Interagency Report Control N

NO.TET

This report is required by law (7 USC 2143). Fallure to report excerding to the regulations CBD

1. CERTIFICATE NUMBER: 23-R-0066

CUSTOMER NUMBER: 750

FORM APPROVED OMB NO. 0578-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Drug Research Laboratories, Inc.

P-0:-B0X-394 Buckingham, PA 18912 9 CORNFIELD LANE

Telephone: (215)-794-5464 NT 08889 908-236-7339

**** * ** ** * 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for those purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing 2023 RIDGE RD. PERKASIE, PA 18944

A. Animala Covered By The Animal Weffere Regulations	B. Number of snimals being bred, conditioned, or ineld for use in teaching, testing, experiments, rosearch, or surgery but not ye	C. Number of enimals upon which (eaching, research, experiments, or tests ware conducted involving na pain, distress, or use of pain, refleving drugs.	D. Number of enimals upon which experiments, teaching, research, surgery, or leets were conducted involving ecompanying pain or distress to the enimals and for which appropriate enesthelic, a	E. Number of animals upon which teaching, experiments, research, surgery or teats were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgest, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the reaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	Ö		0	0	Ö
5. Cats	<u>ن</u>	<u> </u>	0	0	0
6 Guinee Pigs	<u> </u>		0	0	0
7 Hamsters	. 0			<i>O</i>	0
6. Rabbits	<u> 0</u>	D		0	0
9. Non-human Primate	0	0		Q	D
O. Sheep		0	\mathcal{L}		(2
11. Pigs	<u> </u>	0		0	<u> </u>
12. Other Farm Animals	Ω		0	0	0
3. Other Animals	0	0	٥	0	0

ASSURANCE STATEMENTS

- 1) Professionally acceptable attendance governing the care, treatment, and use of animals, including appropriate use of enestatic, analgesto, and trenquilizing drugs, prior to, during, and following actual research, teaching, teating, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summery includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarien for this research facility has appropriate authority to ensure the provision of adaquate veterinary care and to oversee the adequacy of other espects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (T) po or Print

DATE SIGNED

12-8-00

Interagency Report Control No.//// 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 23-R-0067

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) 2. HEADQUARTERS RESEARCH FACILITY (Name and Address of include Zip 23-R-0067, Cust Id 759

SCRANTON, PA 18508

JOHNSON TECHNICAL INSTITUTE
3427 N. MAIN AVENUE

,	ہے۔ آباد	1	Ĺ	

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, to experimentation, or new for mese, purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Johnson Technical Institute Veterinary Science Center REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Atlach aduditional sheets if necessary or use APHIS FORM 7023A) A. B. Number of animals being bred, conditioned, or held for use in
Animals Covered By The Animal Weltare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMALS (COIS. C + D + E)
4. Dogs		2			2
5. Cats					0
6. Guinea Pigs		12			12
7. Hamsters		_	:		0
8. Rabbits		6			6
9. Non-human Primates		_			0
10. Sheep		-			0
11. Pigs		_			0
12. Other Farm Animals		-			0
13. Other Animals		_			0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals attected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

DATE SIGNED

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO. 23-R-0068

FORM APPROVED

OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Co

23-R-0068, Cust Id 344

SAINT VINCENT COLLEGE 300 FRASER PURCHASE RD. LATROBE, PA 15650

NOV -7 2000

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teau sheets if necessary)

additional

FACILITY LOCATIONS (Sites) Life Science Research Lab Saint Vincent College

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach addditional sheets if necessary or use APHIS FORM 7023A.)						
A. Animals Covered By The Animal Wellare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery or tests. An explanation of	F. TOTAL NO OF ANIMALS (COIS. C + D + E)	
4. Dogs						
5. Cats						
6. Guinea Pigs						
7. Hamsters						
8. Rabbits			\ \ \			
9. Non-human Primates			M			
10. Sheep		\				
11. Pigs			U		·	
12. Other Farm Animals				·		
13. Other Animals						
					<u>u</u> .	
ASSURANCE STATEMENTS	See atta	ched				

Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2). Each principal investigator has considered alternatives to painful procedures

3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICAT	ION BY HE	ADQUART	ES RESEA	RCH FACILIT	Y OFFICIAL
(Chief Exec	utive Office	er or Legall	y Responsi	ble Institutiona	d Official)

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

AL OFFICIAL (Type or Print)

DATE SIGNED

11/2/00

Interagency Report Control (G 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

OCT 1 6 2000

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Cr

23-R-0069, Cust ld 345

(b)(6) (b)(7)(C)

PENNSYLVANIA COLLEGE OF PODIATRIC MED

EIGHTH & RACE STREETS ABINGTON, PA 19107

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, lea

additional

Gi	station	7/1/98	No	animals	are how	ised at	this	

PCPM surrendered its rea istration 7/198 No animals are housed at this
Temple Univ. facility or under the former registration number

FACILITY LOCATIONS (Sites)

Animals Covered By The Animal Welfare Regulations Welfare Regulations I teaching experiments aurgery yet use purpos 4. Dogs	er of C Numbe animal which research or use in ng, testing, ments, conduct, or y but not ed for such which research or grant tests when the conduction of the	er of Is upon teaching, ch, ments, or vere accompacted distressing no and for vere accompacted and for vere a	of animals upon periments, research, or tests were ed involving inving pain or interpretation.	inimals upon which leaching, , research, surgery or tests were involving accompanying pain or distress als and for which the use of appropriate analgesic, or tranquilizing drugs would ely affected the procedures, results, or	F. TOTAL NO OF ANIMALS
4. Dogs -	ses. relievir	ancamer	ic, analgesic, or animals and	on of the teaching, research, , surgery, or tests. (An explanation of uses producing pain or distress in these I the reasons such drugs were not used iched to this report).	(Cols. C + D + E)
•					0_
5. Cats	0 () 0		0
6. Guinea Pigs	0 (\circ \circ) 0		0
7. Hamsters	0 (0
8. Rabbits	0 (\mathcal{I}	0		_0
9. Non-human Primates	0 (0
10. Sheep	0 ($\frac{1}{2}$		0
11. Pigs	0 (\mathcal{D}			0
12. Other Farm Animals	0 () ($\frac{1}{2}$		0
13. Other Animals			<u></u>		
13. Outer Athinais					

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered afternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIA	. 1
(Chief Executive Officer or Legally Responsible Institutional Official)	
Length that the above in term and and a set of 100 to 00 to 00 to 00 to	

SI

10/11/00

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO. 23-R-0072 FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

23-R-0072. Cust ld 28

(b)(6) (b)(7)(C)

LEHIGH VALLEY HOSPITAL ADVANCED CLINICAL TECHNOLOGIES CEDAR CREST & 1-78

ALLENTOWN, PA 18105

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, le. . sheets if necessary)

additional

FACILITY LOCATIONS (Sites)

ADVANCED CLINICAL TECHNOLOGIES DEPARTMENT,

2ND FLOOR, GENERAL SERVICES BUILDING (GSB), CC&I-7

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMAL. (Cols. C 4 D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					ļ
11. Pigs	0	0	16	0	16
12. Other Farm Animals					
13. Other Animals					
7.2					
ASSURANCE STATEMENTS					

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

_	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY ((Chief Executive Officer or Legally Responsible Institutional O	fficial)	
SIGNATU		pe or Print)	DATE SIGNED 11/30/00

APHIS

...

See reverse side for additional information Interagency Report Control No 0180-DOA-AN Opr

UNITED STATES DEPARTMENT OF AGRICULTURE 1. REGISTRATION NO. ANIMAL AND PLANT HEALTH INSPECTION SERVICE

FORM APPROVED

OMB NO. 0579-0036

29 m

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

sheets if necessary)

include Zir 23-R-0075, Cust Id 356

(b)(6) (b)(7)(C)

MEDIAN SCHOOL OF ALLIED HEALTH CAREERS

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

125 SEVENTH STREET PITTSBURGH, PA 15222

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing

FACILITY LOCATIONS (Sites)

ach additional

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	f (Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	0	10	33	0	33
5. Cats	0	8	12	0	20
6. Guinea Pigs					
7. Hamsters	· 				
8. Rabbits					
Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals				·	
	· 				
13. Other Animals					

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official) Learnly that the above is true, correct, and complete (7 U.S.C. Section 2143)

Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during,

This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected. 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

2). Each principal investigator has considered alternatives to painful procedures

NAME & TITLE OF C.F.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

animal care and use

and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

23-R-0078, Cust ld 357

(b)(6)_(b)(7)(C)

HARCUM COLLEGE VETERINARY SERVICES BUILDING 750 MONTGOMERY AVENUE BRYN MAWR, PA 19010

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testin. sheets if necessary.)

(tach additional

FACILITY LOCATIONS (Sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)						
	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)	
4. Dogs	0	0	٢	0	6	
5. Cats	٥	0	8	D	စ္မ	
6. Guinea Pigs	0	11	©	0	ĬĬ	
7. Hamsters	0	13	0	0	13	
8. Rabbits	0	0	4	0	4	
9. Non-human Primates	0	O	0	0	0	
10. Sheep	0	0	0	O	ō	
11. Pigs	0	0	0	0	0	
12. Other Farm Animals		_	1	_		
13. Other Animals Fish	0	1	D	0	1	
Dat	0	20	0	0	20	
(nexter)	0	b	0	0	3+6	
Mtcy	Ō	31	D.	0	31	
ASSURANCE STATEMENTS						

Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

Lecrify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

Interagency Report Control No 0180-DOA-AN &

1. REGISTRATION NO.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

23-R-0088

FORM APPROVED OMB NO 0579-0036

... pares additional

2. HEADQUARTERS RESEARCH FACILITY (Name and Address. as registered include Zip Cod 23-R-0088, Cust ld 350

> MONELL CHEMICAL SENSES CENTER 3500 MARKET STREET PHILADELPHIA, PA 19104

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) NOV 28 2000

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teach sheets if necessary)

FACILITY LOCATIONS (Sites)

Fourth Floor

N/A

N/A			N/A		
REPORT OF ANIMALS USED BY C	R UNDER CONTROL OF	RESEARCH FACILITY	' (Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in feaching, festing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	N/A	N/A	N/A	N/A	N/A
5. Cats	N/A	N/A	N/A	N/A	N/A
6. Guinea Pigs	0	12	0	0	12
7. Hamsters	N/A	N/A	N/A	N/A	N/A
8. Rabbits	N/A	N/A	N/A	N/A	N/A
9. Non-human Primates	N/A	N/A	N/A	N/A	N/A
10. Sheep	N/A	N/A	N/A	N/A	N/A
11. Pigs	N/A	N/A	N/A	N/A	N/A
12. Other Farm Animals	N/A	N/A	N/A	N/A	N/A
13. Other Animals					
Meadow Voles	16	0	0	0	0
Pocket Gophers	3	0	0	0	0
P <u>rairie Voles</u>	0	64	0	0	64
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)					
SIGNATUR		ype or Print)	DATE SIGNED		
			11/21/00		

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 23-R-0088

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Namu and Addinss, as registered with USDA include Zip Code)

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Monell Chemical Senses Center 3500 Market Street Philadelphia, PA 19104-3308

_	PORT OF ANIMALS USED BY OF	TANASA CANTAGA A	BEEEABCH EACH ITY	ten ann amutingal sheets if ner	casser or use this form t	
L.,	Aumais Covered By The Animal Welfare Regulations	Number of annual being bred, conditioned, or held for use in teaching, festing, experiments, research, in surgery but mill.	C Number of animals upon which teaching, research, usperiments, to tests were conducted involving no pain, distress, or	D Number of animals upon which experiments, teaching, repearch, surjects were conducted invalving accompanying pain or distress to the animals and for which appropriate	E. Number of ahumals upon which teaching, caperiments, resourch, surgery or lests were conducted involving accompanying pain or districtly the animals and for which the use of appropriate anosthetic, analogisal, or reinquisting drugs would have adversely affected the observations of experiments, singery, or tests. (An experiment of the procedures, resource participation of the procedures, resource participation of the procedures, including them or defense in these	F TOTAL NO OF ANIMALS [COIS. C - DE)
	(LIST by Species)	yet used for such purposes	relieving strugs	anesthetic, analgesic, or tranquilizing drugs were used	annitals and the reasons such drove were not used must be allected to this report.	
_	N/A					
_						
-						
7						·
-						
-						
-						_
İ						
i						
+						
+						
1		·				
Ť						
4:	SSURANCE STATEMENTS					
_					and the second s	

- 1] Professionally acceptable standards governing the core, treatment, and use of annuals, including approvate use of anesthetic analysis. and transplanting drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentalish were followed by this research facility.
- 2) Each principal investigator has considered attenuatives to painful procedures
- 3) This facility is adhering to the standards and registations under the ACL and if has required that exceptions to the standards and injustations be specified and explained by the principal investigator and approved by the institutional Animal Case and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to infinitelying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals attached.
- 4) The amending veterolargic for this research lightly has appropriate authority to ensure the provision of adequate veterinary care and in oversion the allegrandy of other aspects of agency and many

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL	
	CERTIFICATION BY HEADQUARTES RESUMBLY PROJECT OF TRANS	İ
1		
SIGI	L (Time or Finds	DATE SIGNED
!		
·		11/21/00
		

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) 1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Z 23-R-0089, Cust Id 360

COCALICO BIOLOGICALS, INC. 449 STEVENS ROAD P.O. BOX 265 REAMSTOWN, PA 17567 3 3 3,000

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, sheets if necessary)

tach additional

FACILITY LOCATIONS (Sites)

WHITESELL RADCLIFFE FARM DENVER, PA 17517

GRAYBILL'S FARM STEVENS, PA 17578

REPORT OF ANIMALS USED BY OF	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.) *	
Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which feaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affached to this report).	F. TOTAL NO OF ANIMAI (Cols. C D + E)
4. Dogs	-0-	-0-	-0-	-0-	-0-
5. Cats	-0-	-0-	-0-	-0-	-0-
6. Guinea Pigs	11	128	102	-0-	230
7. Hamsters	-0-	-0-	-0-	-0-	-0-
8. Rabbits	160	6,601	1,614	-0-	B,215
9. Non-human Primates	-0-	-0-	-0-	-0-	-0-
10. Sheep	7	-0-	-0-	-0-	-0-
11. Pigs HORSES	-0-	-0-	-0-	-0-	-0-
HORSES 12. Other Farm Animals	5	4	-0-	-0-	4
GOATS	8	66	9	-0-	75
13. Other Animals					
					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION	ON BY HEADQUARTES	RESEARCH	FACILITY	OFFICIAL.
(Chief Execu	itive Officer or Legally R	Responsible In	stitutional (Official)
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

SIGNA

DATE SIGNED

11/29/00

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

NOV 2 4 2000

FORM APPROVED OMB NO 0579-0036

1 with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

2. HEADQUA' include Zi, 23-R-0090, Cust ld 361

> MAGEE-WOMENS HOSPITAL 300 HALKET STREET PITTSBURGH, PA 15213

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Magee-Womens Research Institute

204 Craft Avenue

Pittsburgh, PA 15213

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O'	F RESEARCH FACILITY	f (Attach adiditional sheets if ne	ecessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, interpretation of the teaching.	TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	<u> </u>				
9. Non-human Primates	<u> </u>				
10. Sheep	!				
11. Pigs	<u>'</u>		9		9
12. Other Farm Animals					
13. Other Animals					
Ferrats			22		22
Rats	187		700		700
Mice	131		500		500
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Prust)

DATE SIGNED

11/17/00 gh

APHI!

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED

OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY /Name and include Zip Code) 23-R-0091, Cust ld 362

ISDA,

CHILDREN'S HOSPITAL OF PITTSBURGH 3705 FIFTH AVENUE

PITTSBURGH, PA 15213

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching sheets if necessary.)

_____ or neid for these purposes. Attach additional

FACILITY LOCATIONS (Sites)

Rangos Research Center

Animal Facility

9th Floor Animal		RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affached to this report).	F. TOTAL NO OF ANIMALS (COIS. C + D + E)
4. Dogs	N/A	N/A	2	N/A	2
5. Cats	N/A	N/A	N/A	N/A	N/A
6. Guinea Pigs	N/A	N/A	25	N/A	25
7. Hamsters	N/A	N/A	N/A	N/A	N/A_
8. Rabbits	N/A	N/A	229	N/A	229
9. Non-human Primates	N/A	N/A	12	N/A	12
10. Sheep	N/A	N/A	N/A	N/A	N/A
11. Pigs	N/A	N/A	10	N/A	10
12. Other Farm Animals	N/A	N/A	N/A	N/A	
13. Other Animals					
Chinchillas	N/A	N/A	325	N/A	325
Gerbils	N/A	N/A	30	N/A	30
ASSURANCE STATEMENTS		L		L.	<u> </u>

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
SIGN	. (Type or Print)	DATE SIGNED

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an option to coase and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

""--- and address as registered with USDA

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

z. HEADOUART include Zip C 23-R-0098, Cust Id 688

> INDIANA UNIVERSITY OF PENNSYLVANIA 305 WEYANDT HALL INDIANA. PA 15705

REVISION OF DECEMBER 1, 2000

3. REPORTING FACIENT (En. 4) locations where animals were hor and or used in actual research, testing, teaching, or experimentation, or new run messages and the second in actual research.

a additional

FACILITY LOCATIONS (Siles)

Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of unitinals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of path-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgosic, or tranquitizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompunying pain or distress to the animals and for which the use of appropriate anesihetic, analgesic, or tranquilizing drugs would have adversely allacted the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in those animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMALS (Cols. C + O + E)
4. Dogs	0	0	0	0	00
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	00
8. Rabbils	0	6	0	0	6
9. Non-human Primates	0	0	0	. 0	00
10. Sheep	0	0	0	0	0
11. Pigs	0	0	00	0	0
12. Other Farm Animals	0	O	0	0	0
13. Other Animals	0	0	Ò	0	0
Wild Rodents	0	39	0	0	39
Wild Rodents	0	1230	0	0	1230

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approximate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to patidul procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Annual Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

(Chief Executive Officer or)	UARTES RESEARCH FACILITY OFFICIAL Legally Responsible Institutional Official) 8. correct, and complete (2-USC Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Pint)	DATE SIGNED
		11-27-00

APHIS FO

Interagency Report Control No 0180-DOA-AN

VITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

23-R-0100

FORM APPROVED OMB NO 0579-0036

I with USDA,

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

SEP Z 9 2000

include Zir 23-R-0100, Cust ld 354

2. HEADQUARTERS RESEARCH EACH TO ...

PENNSYLVANIA COLLEGE OF OPTOMETRY 8360 OLD YORK ROAD ELKINS PARK, PA 19027

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, to experimentation, or held for these purposes. Attach additional sheets if necessary)

COMPARATIVE MEDICINE CENTER

FACILITY LOCATIONS (Sites)

COMPARATIVE MEDICINE CENTER

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which feaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (COIS. C + D + E)
4. Dogs	na	na	na	na	0
5. Cats	na	na	na	na	0
6. Guinea Pigs	na	na	na	na	0
7. Hamsters	na	na	na	na	0
8. Rabbits	8	na	9	na	9
9. Non-human Primates	na	na	na	na	0
10. Sheep	na	na	na	na	0
11. Pigs	na	na	na	na	0
12. Other Farm Animals	na	na	na	na	0
13. Other Animals	na	na	na	na	0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Logistidy that the above is true coverest and countries (2.11.6.6. Coveres 21.42)

SIGI

DATE SIGNED 09/20/00

Optional Column E Explanation Form

This form is intended as an aid to completing the Column E explanation. It is <u>not</u> an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: _	23-R-0100	
2. Number <u>na</u>		of animals used in this study.
3. Species (common name)_	na	of animals used in this study.
4. Explain the procedure p	producing pain a	and/or distress.
na		
relieved. State methods or relief would interfere with t	means used to d	and/or distress could not be letermine that pain and/or distres Federally mandated testing, see
relieved. State methods or relief would interfere with t	means used to d	letermine that pain and/or distres
relieved. State methods or relief would interfere with a question 6 below)	means used to d	letermine that pain and/or distres
relieved. State methods or relief would interfere with a question 6 below)	means used to d	letermine that pain and/or distres
relieved. State methods or relief would interfere with a question 6 below)	means used to d	letermine that pain and/or distres
relieved. State methods or relief would interfere with a question 6 below) na 6. What, if any, federal regards.	means used to ditest results. (For	letermine that pain and/or distres

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

include Zip 23-R-0103, Cust ld 365

> VILLANOVA UNIVERSITY 800 LANCASTER AVE. VILLANOVA, PA 19085

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, sheets if necessary)

.ch additional

FACILITY LOCATIONS (Siles)

Biology Department, Rm. 016

REPORT OF ANIMALS USED BY O	OR UNDER CONTROL OF	RESEARCH FACILITY	(Attach aduditional sheets if ne	cessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					NA
5. Cats					NA
6. Guinea Pigs					NA
7. Hamsters					NA
8. Rabbits					NA
9. Non-human Primates			•		NA
10. Sheep					NA
11. Pigs					NA
12. Other Farm Animals					NA NA
					NA .
13. Other Animals					NA
ACCUIDANCE OTATEMENTO					

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered afternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUA	RTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Leg	(ally Responsible Institutional Official)
I certify that the above is true, co	rrect, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OF INSTITUTIONAL OFFICIAL

DATE SIGNED

Interagency Report Control No 0180-DOA-AN

1. REGISTRATION NO.

FORM APPROVED ONE NO 0579-0036

ed with USDA,

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQ 55-R-0108, Cust ld 815 include

RAD ENTERPRISES ING. Integrated Laboratory Systems 800-12 CAPITOLA DR (see attached name change) 800-12 CAPITOLA DR

PO BOX 13501

RESEARCH TRIANGLE PA, NC 27709

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

800-12 Capitola Drive, Durham, NC 27709

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits					0
9. Non-human Primates					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					0
13. Other Animals					0

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of anunal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL. (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Print)	DATE SIGNED		
		11-29-00		

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RECEARCH FACH ITY (Name and Address, as registered with USDA include Zip 23-R-0111, Cust Id 367

(b)(6) (b)(7)(C)

LOCK HAVEN UNIVERSITY PSYCHOLOGY DEPARTMENT 308 ROBINSON HALL

LOCK HAVEN, PA 17745

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or instance sheets it necessary.)

h additional

FACILITY LOCATIONS (Sites)

Psychology Department Robinson 309

			<u></u>		
REPORT OF ANIMALS USED BY	OR UNDER CONTROL OF	F RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.) '	
A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primates	5	3	0	0	3
10. Sheep	0	0	0	0	0
. 11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	CAPT .				
RATS	10	0	6	0	6
ACCUIDANCE CTATEMENTS					

SURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The uttending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)
Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

12/1/00

Interagency Report Control No 0180-DOA-AN

FORM APPROVED

OMB NO 0579-0036

additional information. 0180-DOA-AN

2. HEADQUARTEDE DESEADER FACILITY (Name and Address: as registered with USDA include Zip 23. D.0144. Cust Id 259.

23-R-0114. Cust ld 358 (b)(6), (b)(7)(C)

1. REGISTRATION NO.

JACKSON IMMUNORESEARCH LABS, INC.

872 W. BALTIMORE PIKE P.O. BOX 9

DEC - 5 - 770

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

WEST GROVE, PA 19390
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, leading, or experimentation, or need or used.

....uh additional

FACILITY LOCATIONS (Sites)

Jackson ImmunoResearch Labs, Inc.

872 West Baltimore Pike West Grove, PA 19390

sheets if necessary)

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or fests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	N/A	N/A	N/A	N/A	N/A
5. Cats	N/A	n/A	N/A	N/A	N/A
6. Guinea Pigs	N/A	N/A	N/A	N/A	N/A
7. Hamsters	N/A	N/A	N/A	N/A	N/A
8. Rabbits	N/A	N/A	N/A	N/A	N/A
Non-human Primates	N/A	N/A	N/A	N/A	N/A
10. Sheep	N/A	N/A	N/A	N/A	N/A
11. Pigs	N/A	N/A	N/A	N/A	N/A
12. Other Farm Animals					
Goats	0	55	1	0	56
13. Other Animals	N/A	N/A	N/A	N/A	N/A

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11-30-00

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ا در

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RECEADON FACILITY (Name and Address, as registered with USDA include Zip Code) 23-R-0115, Cust ld 359

(b)(6), (b)(7)(C) HAMOT MEDICAL CENTER NOV - 7 2000

201 STATE ST. ERIE, PA 16550

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or note to the control of the contro	اهمد
sheets it necessary)	

.

Hamot Medical Center

A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquitizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats			4		4
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals	:				
13. Other Animals					
Rattus (exempt)			8		8

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is affached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of ammal care and use

	CERTIFICATION BY HEADQUARTES R (Chief Executive Officer or Legally Res		
SIGN.		CIAL (Type or Print)	DATE SIGNED

٠,٠

See reverse side for additional information Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 23-R-0122 FORM APPROVED OMB NO 0579-0036)/

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name include Zip Coc

ነ USDA

23-R-0122, Cust ld 369

LAMPIRE BIOLOGICAL LABORATORIES, INC. P.O. BOX 270 PIPERSVILLE, PA 18947

or a supermicination, or neig for these purposes. Attach additional 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teach. sheets if necessary.)

FACILITY LOCATIONS (Sites)

3599 Farm School Rd., Ottsville, PA

QAA Cloar Bidgo Bd

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affached to this report).	F. TOTAL NO OF ANIMALS (COIS. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	25	0	0	25
7. Hamsters	0	5	0	0	0
8. Rabbits	0	1349	23	0	1372
9. Non-human Primates	0	0	0	0	0
10. Sheep	43	190	6	0	196
11. Pigs	0	0	0	0	0
12. Other Farm Animals					
Donkeys	0	13	0	0	13
13. Other Animals					
Goats	34	329	0	0	329
ASSURANCE STATEMENTS					

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Legally that the above is true, correct, and complete (7 U.S.C. Section 2143)			
SIGNA	DATE SIGNED		
	11/20/00		

Interagency Report Cymrol No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUAR include Zip (23-R-0124, Cust ld 370

vith USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

WILSON COLLEGE 1015 PHILADELPHLIA, AVE CHAMBERSBURG, PA 17201

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

The Helen M. Beach 24 Veternary Medical Center

Veterinary Medical Technology Large

Α.	B. Number of	C Number of		cessary or use APHIS FORM 7023A) * E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (COIS. C + D + E)
4. Dogs	0	0	72	٥	72
5. Cats	٥	0	52	Ö	52
6. Guinea Pigs	0	3	٥	0	3
7. Hamsters	0	Ή	0	0	н
8. Rabbits	0	3	0	0	3
9. Non-human Primates	0	0	0	D	0
10. Sheep	0	9	0	0	٩
11. Pigs	0	10	O	0	10
12. Other Farm Animals	0	8	٥	D	8
(MHE)					
13. Other Animals	0	& H	0	٥	Ч
(gerbils)		।।२४/४८) ।न्डा			

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

2 8 200

1. REGISTRATION NO. 23-R-126

FORM APPROVED OMB NO 0579-0036

nd with USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQU: include Zi 23-R-0126, Cust ld 371

> SUMMIT RIDGE BIOSYSTEMS, INC. RD 1 - BOX 131 SUSQUEHANNA, PA 18847

	1	FAC	CILITY LOCATIONS (SILES)		
	J				
		,			
REPORT OF ANIMALS USED BY	OR UNDER CONTROL OF	RESEARCH FACILITY	f (Attach adiditional sheets if ne	cessury or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesto, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs		996	70		1066
5. Cats		299	1		300
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	 		<u> </u>		
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals		· · · · · · · · · · · · · · · · · · ·			
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Loostify that the above is true appeared and appeared 47 H.C.C. Co. 42 21 42)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

MAME & TITLE OF OF O OR INICTITUTIONAL OFFICIAL COME OF DESIGNATION

DATE SIGNED

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

JATE SIGNED

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HOV 1 2 2000

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address as societied with USDA Include Z

23-R-0128, Cust ld 364

DELMONT LABORATORIES, INC. 715 HARVARD AVENUE P.O. BOX 269

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing,	Attach additional
sheets if necessary.)	

FACILITY LOCATIONS (Siles)

715 Harvard Awenue

Swarthmore, PA 19081

A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, festing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (COIS. C + D + E)
4. Dogs	N/A	N/A	N/A	N/A	
5. Cats	11	11	11	11	
6. Guinea Pigs	11	**	11	11	
7. Hamsters	11	11	II .	**	
8. Rabbits	11	11	11	T t	
9. Non-human Primates	11	F†	11	11	
10. Sheep	FS	71	11	11	
11. Pigs	11	11	и	11	
12. Other Farm Animals	"	" .	11	rr	
13. Other Animals					
Mice	7.2				72
			:]

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) 1 Certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL		DATE SIGNED		
•		10/6/00		

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADQUA include Zij 23-R-0133, Cust ld 374

.**က** ်

UNIVERSITY OF SCRANTON 800 LINDEN STREET SCRANTON, PA 18510 NEC

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets it necessary.)

FACILITY LOCATIONS (Sites)

Loyola Hall Animal Facilities

A. Animals Covered By The Animal Wellare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMA (Cols. C D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters	0	0	94	0	94
8. Rabbits					0
9. Non-human Primates					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					00
13. Other Animals					0
					ļ

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) [certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED
OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include 7

23-R-0134, Cust ld 375

ROCKLAND, INC.

PO BOX 326

DEC - 5 2000 WW

GILBERTSVILLE, PA 19525

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testir sheets it necessary) tach additional

or COIS. C	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	Animals Covered By The Animal Welfare Regulations
0	0	0	0	0	l Dogs
0	0	0	0	0	o Cats
0	0 DEC - 5 (A.)	0	0	0	5. Guinea Pigs
0	0	0	0	0	7. Hamsters
775	0	292	483	40	3. Rabbits
0	0	0	0	0	9. Non-human Primates
8	0	0	8	6	10. Sheep
0	0	0	0	0	11. Pigs
					12. Other Farm Animals
1	0	0	1	0	Donkey
					13. Other Animals
45	0	1	44	18	Goat
_	0	1	44	18	Goat

FACILITY LOCATIONS (Siles)

- 1) Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of appropriate authority to ensure the provision of adequate veterinary care and the provision of adequate veterinary care

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
		11/30/00		

Interagency Report Control b 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUAF include Zip 23-R-0135, Cust ld 376 with USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

DELAWARE VALLEY COLLEGE OF SCI. & AGR. 700 E. BUTLER AVE. DOYLESTOWN, PA 18901

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Sites)

Ground level of Allman Bldg.

Address as in item #2

Ground level of Mandell Bldg.

Address as in item #2

Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4	4			
	<u> </u>	0	0	4
27	27	0	0	27
82	82	0	0	82
42	42	0	0	42
170	170	0	0	170
	42	42 42	42 42 0	42 42 0 0

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and franquilizing drugs, prior to, during, 1) and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Annual Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Learnify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

20 Oct 00

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

sheets if necessary)

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUAP

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or neid for these purposes. Attach additional

FACILITY LOCATIONS (Sites)

23-R-0137, Cust ld 8206

(b)(6), (b)(7)(C) CENTOCOR, INC.

200 GREAT VALLEY PARKWAY MALVERN, PA 19355

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Atlach additional sheets if necessary or use APHIS FORM 7023A.) Number of animals upon which teaching, B. Number of C Number of D. Number of animals upon experiments, research, surgery or tests were animals being animals upon which experiments, conducted involving accompanying pain or distress Animals Covered bred, which teaching, teaching, research, to the animals and for which the use of appropriate TOTAL NO By The Animal conditioned, or research, surgery, or tests were conducted involving anesthetic, analgesic, or tranquilizing drugs would held for use in OF ANIMALS Welfare Regulations experiments, or have adversely affected the procedures, results, or interpretation of the teaching, research, teaching, testing, tests were accompanying pain or experiments. conducted distress to the animals (Cols. C + D + E) research, or experiments, surgery, or tests. (An explanation of involvina no and for which appropriate the procedures producing pain or distress in these surgery but not pain, distress, or anesthetic, analgesic, or animals and the reasons such drugs were not used vet used for such use of paintranquilizing drugs were must be attached to this report). purposes. relieving drugs used 4. Dogs Cats Guinea Pigs Hamsters Rabbits Non-human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Lectify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 23-R-0139

2. HEADQU/

FORM APPROVED OMB NO 0579-0036

23-R-0139, Cust ld 368 include Zi.

MON 9 JOH

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

(b)(6) (b)(7)(C)

WESTERN P A HOSPITAL FOUNDATION, THE **4818 LIBERTY AVENUE** PITTSBURGH, PA 15224

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites)

The Western Pennsylvania Hospital Foundation

Research Institute

			 	cessary or use APHIS FORM 7023A) * E. Number of animals upon which teaching.	T
A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, every contests. (As explanation of	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs			22		22
12. Other Farm Animals				·	
13. Other Animals					
		1	ļ		j

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered atternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of annual care and use

CERTIFICATION BY HEADQUA	RTES RESEARCH	FACILITY (OFFICIAL
(Chief Executive Officer or Lea	gally Responsible Ir	nstitutional O	official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

6/25/0

FORM APPROVED OMB NO 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

2. HEADQUARTI

include Zip Ct 23-R-0141, Cust ld 373

'h USDA

ANNUAL REPORT OF RESEARCH FAC (TYPE OR PRINT)

DUTCH HILL RD. CANADENSIS, PA 18325

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites)

ONLY ONE - DUTCH HILL ROAD CANADENSIS, PA 18325

A	B. Number of	C Number of	(Attach adiditional sheets if ne D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	Ó				
5. Cats	0				
6. Guinea Pigs	14	0	76	0	76
7. Hamsters	0			_	
8. Rabbits	100	571	667	0	1238
9. Non-human Primates	0				
10. Sheep	1	0	3	0	3
11. Pigs	0				
12. Other Farm Animals					
GOATS	7	11	5	0	16
13. Other Animals	NA				
					<u> </u>

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERT	IFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Ch	nief Executive Officer or Legally Responsible Institutional Official)
	Leavilly that the above is true correct, and a seek (21,000,00 see 21,100

Lecrtify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

Interagency Report Control No 0180-DOA-AN

FORM APPROVED

ered with USDA

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

(TYPE OR PRINT)

ANNUAL REPORT OF RESEARCH FACILITY

2. HEAD includ 23-R-0143, Cust ld 380

1. REGISTRATION NO.

(b)(6), (b)(7)(C)
WEST CHESTER UNIVERSITY
SCHMUCKER SCIENCE CENTER
WEST CHESTER, PA 19383

3. REPORTING FACILITY (List all locations where animals were housed or used in acrual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Boucher Hall

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					///
6. Guinea Pigs					4
7. Hamsters	/	/	/		/
8. Rabbits	φ	4	\mathcal{P}	P	1-7-
9. Non-human Primates	1		/	'	/
10. Sheep		<i>A</i>			
11. Pigs					//
12. Other Farm Animals					
13. Other Animals					
				[

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) certify that the above is true, correct, and complete (7 USC Section 2143)			
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED	

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACTOR TO SINGLE 23-R-0146, Cust Id 710

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

BUCKSHIRE CORPORATION
2025 RIDGE ROAD
PERKASIE, PA 18944

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, reaching, or experimentation, or heid for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

4. Doys 0 0 0 0 0 5. Cats 0 0 0 0 0 6. Guinea Pigs 0 0 0 0 0 7. Hamsters 0 0 0 0 0 8. Rabbits 6 0 0 0 0 0 9. Non-human Primates 0 0 0 0 0 0 10. Sheep 0 0 0 0 0 0 0 11. Pigs 0 0 0 0 0 0 0 12. Other Farm Animals 0 0 0 0 0 0 0	research, or surgery but not yet used for such purposes.	tests were conducted involving no pain, distress, or use of pain- relieving drugs	surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (Cols. C + D + E)
6. Guinea Pigs 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0	0	0	
7. Hamsters 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0	0	0	
8. Rabbits 6 0 0 0 0 9. Non-human Primates 0 0 0 0 0 10. Sheep 0 0 0 0 0 0 11. Pigs 0 0 0 0 0 0 12. Other Farm Animals 0 0 0 0 0 0		0	0	0	
9. Non-human Primates 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0	0	0	0
9. Non-numan Primates () 0 0 0 0 0 0 0 0 0 10. Sheep 0 0 0 0 0 0 0 0 0 0 0 0 11. Pigs 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6	0	0	0	0
11. Pigs 0 0 0 0 0 0 0 12. Other Farm Animals 0 0 0 0 0 0		0	0	0	0
12. Other Farm Animals 0 0 0 0 0	0	0	0	0	0
TE Official Administration of the Control of the Co	0	0	0	0	0
13. Other Animals 0 0 0 0 0	0	0	0	0	0
	0	0	0	0	0
		0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL	
(Chief Evenisting Offices and could Demand the Indicate and Office	

SIGNATUR

DATE SIGNED

9

27/00

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADOUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include 23-R-0148, Cust ld 1634

MERCYHURST COLLEGE DEPARTMENT OF BIOLOGY ERIE, PA 16546 DEC - 4 2000

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, seems sheets it necessary)

ttach additional

FACILITY LOCATIONS (Sites)

Department of Biology Mercyhurs+ College

REPORT OF ANIMALS USED BY	OR UNDER CONTROL OF	RESEARCH FACILITY	f (Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (COIS. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Rats			4		4
ASSURANCE STATEMENTS	·				·

- 1) Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 USC Section 2143)					
SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
X		11/29/00			

See attached form for additional information

Interagency Report

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

18 2000

1. CERTIFICATE NUMBER: 23-R-0151

CUSTOMER NUMBER: 1688

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Wilkes University Wilkes University

3rd Floor, Stark Learning Center, Rm,311, & 316

Wilkes Barre, PA 18766

Telephone: (717) -831-4274

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, expenments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					!
7. Hamsters					
8. Rabbits		,			
9. Non-human Primate			11. To 12. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14		
I0. Sheep					
11. Pigs					
2. Other Farm Animals					
3. Other Animals					+

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIA	١L
(Chief Executive Officer or Legally Responsible Institutional Official)	

DATE SIGNED

12/11/00

This form is intended as an aid to completing the Column E explanation. It is <u>not</u> an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1	
1. Registration Number:	23-R-0151
2. Number	of animals used in this study.
3. Species (common name)	of animals used in this study.
4. Explain the procedure	producing pain and/or distress.
·	
relieved. State methods or	fication why pain and/or distress could not be r means used to determine that pain and/or distress test results. (For Federally mandated testing, see
	•
· · · · · · · · · · · · · · · · · · ·	gulations require this procedure? Cite the agency, ations (CFR) title number and the specific section (FR 113.102):
Agency	CFR

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. CERTIFICATE NUMBER: 23-R-0152

CUSTOMER NUMBER: 1744

FORM APPROVED CMB NO. 0579-0036

DATE SIGNED

Microsuppliers Rr 2 Box 2205 Mcalisterville, PA 17049

FEB 1 2 2001

Telephone: (717) -463-9471

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

Α.		Number of animals being	C.	Number of animals upon	D.	Number of animals upon which	E	Number of animals upon which teaching, experiments, research, surgery or tests were	F .
Animals Covered By The Animal Welfare Regulations	b ci h te e.	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye		which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.		experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a		conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs									
5. Cats									
6. Guinea Pigs									
7. Hamsters					+				<u> </u>
8. Rabbits		O		0		O		O	0
9. Non-human Primate					+				ļ
10. Sheep	+		<u> </u>	* *			-+		
11. Pigs	ļ			- (2)					
12. Other Farm Animals	1		-				-		1
13. Other Animals	+		-		-		-		
	į				1			!	
	i				1			!	!
	1			,, and the second secon	<u> </u>				1 1 1 1
ASSURANCE STATEMENT	íS				-				
				e, treatment, and use entation were followed			of and	estetic, analgesic, and tranquilizing drugs, prior to, during, an	nd following
Each principal investi	•				•	, research rading.			
investigator and appr	roved by th	the Institutional Anim	imal Ca	are and Use Committe	tee (IAC		1 ехсер	ards and regulations be specified and explained by the princip ptions is attached to this annual report. In addition to ident umber of animals affected.	
	•	-		·				nary care and to oversee the adequacy of other aspects of ani	imal care and
			1			EADQUARTERS RESEARC er or Legally Responsible Ir			

APHIS FORM 7023 (Replaces VS FORM 18-23 (OCT 88), which is obsolete. (AUG 91)

SIC

.

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED

OMB NO 0579-0036

ith USDA

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADQUART

include Zip C 23-R-0153, Cust ld 1773

(b)(6), (b)(7)(C)

LEHIGH CARBON COMMUNITY COLLEGE 4525 EDUCATION PARK DRIVE

SCHNECKSVILLE, PA 18078

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites)

Lehigh Carbon Community College - Vet Tech Barn

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affached to this report).	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	4	U	Ð	Ð	Ð
5. Cats	D	0			0
6. Guinea Pigs	y	11			11
7. Hamsters	Ð	14			14
8. Rabbits	Ð	3			3
9. Non-human Primates	B	8			
10. Sheep	Ð	5			5
	y	0			0
12. Other Farm Animals	B		·		0
COWS	-6	<u>ک</u>			2
13. Other Animals	B	Ð			0
goats	8	6			6
horses	Ð	2			2
			\	↓	

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility (b)(6), (b)(7)(C)
- 2). Each principal investigator has considered alternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be so: principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending vetermarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

Ticertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

٠٠٠ و ١٠٠٠

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

with USDA,

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADOUAI include Zip 23-R-0154, Cust ld 9012

(h)(a) (h)(Z)(a) ALLEEGHENY-SINGER RESEARCH INSTITUTE

320 E. NORTH AVENUE PITTSBURGH, PA 15212

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in leaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, renearch, experiments, or lests were conducted involving no pain, distress, or use of pain- reserving drugs	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	3		26		26
5. Cats	4		3		3
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			11		11
9. Non-human Primates					
10. Sheep	3		28		28
11. Pigs			7 1		71
12. Other Farm Animals]
13. Other Animals					
Chinchilla	20		43		43
Woodchuck			3		3
Ferret			5		5
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Aminal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL. (Chief Executive Officer or Legally Responsible Institutional Official) Cartify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
		10-24-20			

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 23-R-0155 CUSTOMER NUMBER: 9776

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

133 N River St

Wilkes Barre, PA 18711

King'S College

Telephone: (570) -208-5900

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED	BY OR UNDER	CON.	TROL OF RESEA	RCH F	ACILITY (Attach addition	al sh	eets if necessary or use APHIS Form 7023A)		
A. Animals Covered By The Animal Welfare Regulations		Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	OF AN	NUMBER NIMALS LUMNS D + E)
4. Dogs]						:	1
5. Cats					<u> </u>					
6. Guinea Pigs				**************************************						
7. Hamsters					Ī		1			1
8. Rabbits										
9. Non-human Primate	-									
10. Sheep					1					
11. Pigs										
12. Other Farm Animals			-		-					
13. Other Animals							-			·
Mice				39			-		3	39
Mice Frogs RATS				100			-		10	20
RATS				30		28		0	5	8

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)						
SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL	I MANUE & TITLE OCCED OF INSTITUTIONAL OFFICIAL (Type or Print	DATE SIGNED				
		12/4/00				

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

الغيرة المستحدال المتراب

1. REGISTRATION NO.

OCT 16 area

FORM APPROVED OMB NO 0579-0036

.0.4

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADQUARTERS RF include Zip Code) 23-R-0156, Cust ld 11015

GEISINGER CLINIC, WEIS CENTER FOR RESEARCH 100 NORTH ACADEMY AVENUE DANVILLE, PA 17822

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Geisinger Clinic/Weis Center for Research

A	B. Number of	C Number of		cessary or use APHIS FORM 7023A) ' E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or fests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	22	0	22
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	7	0	0	7_
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	38	0	38
9. Non-human Primates	0	0	00	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	42	0	42
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					
ferrets	0	0	8	0	8.

SURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Lectify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIC			DATE SIGNED		
(10/09/00		

See reverse side for additional information Interageta y Report Control N 0180-DOA:AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 23-R-0011

FORM APPROVED OMB NO 0579-0036

OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADOUA' include Zit 23-R-0011. Cust ld 285

(I-)(C) (I-)(T)-

PHILADELPHIA, PA 19107

(b)(6), (b)(7)c THOMAS JEFFERSON UNIVERSITY 11TH AND WALNUT STREETS

DEC - 5 2000

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

SEE ATTACHED

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adiditional sheets if necessary or use APHIS FORM 7023A)							
A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)		
4. Dogs	0	0	15	0	15		
5. Cats	0	00	25	26	51		
6. Guinea Pigs	0	47	12	0	59		
7. Hamsters	0	4	0	0	4		
8. Rabbits	0	57	43	0 '	100		
9. Non-human Primates	0	11	24	20	55		
10. Sheep (Lamb)	0	0	27	0	27		
11. Pigs	0	0	129	0	129		
12. Other Farm Animals							
13. Other Animals				· · · · · · · · · · · · · · · · · · ·			
Opossum	0	0	39	0	39		
ASSURANCE STATEMENTS							

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approviate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) (certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
r	IFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolute)

KACC

PART 1 - HEADQUARTERS

Site: 005

Office of Animal Resources

Status: Active

College-Curtis/Jefferson Alumni Hall Bluemle Life Sciences Philadelphia, PA 19107-6799 County: Philadelphia

Contact Person NE

(b)(6), (b)(7)c

Explanation of Category E

Registration Number:

23-R-0011

Twenty Non-human primates and twenty six cats were injected with MPTP to induce signs of Parkinson disease. Animals received careful monitoring and supportive care, but the development of neurologic signs was a necessary feature of this animal model that is required for this research program.

Reportable IACUC - Approved Exceptions

The only IACUC – approved exception to USDA regulations and the Guide was to allow water deprivation for non-human primates on a behavioral study of cognitive/motor function. The IACUC has established written guidelines for this procedure.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

23-R-0018

FORM APPROVED OMB NO 0579-0036

nd with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS DESCRIPTION CASH TO include Z 23-R-0018, Cust ld 303

WYETH LABORATORIES INC.

P.O. BOX 8299 PHILADELPHIA, PA 19101

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) Wyeth-Ayerst Research

FACILITY LOCATIONS (Siles)

Chazy, New York

Pearl River, New York

Monmouth Junction, New Jersey

Radnor, Pennsylvania

	CCIOII, INCH DO			ior, reilisyrvailla	
	OR UNDER CONTROL OF	RESEARCH FACILITY	' (Attach adiditional sheets if ne	cussury or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompunying poin or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	194	340	40	86	466
5. Cats					
6. Guinea Pigs		<u>527</u>	514	43	1.084
7. Hamsters	28	300	70		370
8. Rabbits	75	440	355	51	846
9. Non-human Primates	349	395	9	107	511
10. Sheep			·		
11. Pigs		5			5
12. Other Farm Animals		·			
13. Other Animals					
Ferrets	4	4			4
Gerbils			248		248
ACCUPANCE STATEMENTS					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

APHIS FORM 7023 (AUG 91)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

(Replaces VS FORM 18-23 (OCT 88), which is obsolute)

PART 1 - HEADQUART

Column E Explanation for USDA Reporting Year October 1, 1999 through September 30, 2000

Registration Number: 23-R-0018

Eighty-six dogs were used in oral and intravenous toxicity tests to determine the safety of new pharmaceutical entities. Studies were designed to evaluate the toxicity of administered doses of test compounds. Use of anesthetics, analgesics, or tranquilizers would have complicated interpretation of study findings and may have masked potential significant toxicities.

Forty-three guinea pigs were utilized to assess the antigenicity of human infant formulas or formula components. This study is required by the European Union for regulatory approval. Any anaphylactic reactions must be graded as mild, moderate or severe based on clinical signs. For that reason, no analgesics, anesthetics, tranquilizers or other drugs can be used for treatment.

Fifty-one rabbits were used in oral or intravenous toxicity tests to determine the safety of new pharmaceutical entities. Studies were designed to evaluate the toxicity of administered doses of test compounds. Use of anesthetics, analgesics, or tranquilizers would have complicated interpretation of study findings and may have masked potential significant toxicities.

One hundred seven non-human primates were used in oral toxicity tests to determine the safety of new pharmaceutical entities. Studies were designed to evaluate the toxicity of administered doses of test compounds. Use of anesthetics, analgesics, or tranquilizers would have complicated interpretation of study findings and may have masked potential significant toxicities.

See reverse side for additional information

deragency Report Control No OTHO-DOLA AND

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 23-R-0023

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY AND include Z

d with USDA

23-R-0023, Cust ld 309

(b)(6), (b)(7)c

UNIVERSITY OF PENNSYLVANIA

OFFICE OF THE VICE PROVOST FOR RESEARCH 212 COLLEGE HALL

PHILADELPHIA, PA 19104

.... purposes. Attach additional

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, sheets if necessary.)

FACILITY LOCATIONS (Sites)

LABS, Yemassee, SC

University of Pennsylvania

Veterans Administration Hospital

REPORT OF ANIMALS USED BY	B. Number of	C Number of		E. Number of animals upon which teaching.	,
Animals Covered By The Animal Wellare Regulations	animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affached to this report).	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	110	711	326		1,147
5. Cats		588	95	•	683
6. Guinea Pigs		89	266	. 65	420
7. Hamsters		44	73		117
8. Rabbits		111	445	1	556
9. Non-human Primates			100		100
10. Sheep		2	214	2	218
11. Pigs			579		579
12. Other Farm Animals		:		•	
Goat		7			7
13. Other Animals					
Cow			1		1
Llama		3			3
Equine (horse,		145	84		229

- 1) Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	(Chief Executive (CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).					
SIGNATURE OI	FICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
			11/28/00				

APHIS FOR (AUG 91) F FORM 18-23 (OCT 88), which is obsolute)

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are

	as well as scientists.	mm E explanation must be written so as to b
. Registration Number:	23-R-0023	
. Number	65	_of animals used in this study.
. Species (common name)	Guinea Pigs	of animals used in this study.
Explain the procedure	producing pain a	nd/or distress.
test antibiotic is compared w	im the currently used a	ntibiotics.
lieved. State methods o lief would interfere with	r means used to d	and/or distress could not be etermine that pain and/or distress Federally mandated testing, see
lieved. State methods of lief would interfere with testion 6 below) analgesia is given immediate. There is no observable anir from anesthesia within a few. There is little observable ev to become lethargic as they become	r means used to do notest results. (For all postsurgical period, and distress in the immore hours, then are normal idence of distress in ill become ill.	Federally mandated testing, see or later, for several reasons: nediate postoperative period. The animals awaken lly active, eating and drinking normally.
lieved. State methods of lief would interfere with testion 6 below) analgesia is given immediate. There is no observable anir from anesthesia within a few. There is little observable ev to become lethargic as they become	r means used to do notest results. (For all y postsurgical period, and distress in the immore hours, then are normal idence of distress in ill become ill. affect survival.	Federally mandated testing, see or later, for several reasons: nediate postoperative period. The animals awaken lly active, eating and drinking normally.
elieved. State methods of elief would interfere with uestion 6 below) of analgesia is given immediate. There is no observable anire from anesthesia within a few. There is little observable even to become lethargic as they be to become lethargic as they be to be stress of injections may appear to continued on separate page. What, if any, federal resistant and the stress of the s	r means used to do test results. (For all postsurgical period, and distress in the immore hours, then are normal idence of distress in illustrations illustrations affect survival. e: "Attachment 1") gulations require lations (CFR) title	etermine that pain and/or distress Federally mandated testing, see or later; for several reasons: nediate postoperative period. The animals awaken

Registration No. 23-R-0023 65 Guinea Pigs

Question No. 5 (cont'd.)

- d) Any depression of respirations by analgesic agents could be fatal in these animals with pneumonia.
- e) Since death is not used as an endpoint, clinical observation of the degree of illness, as well as weight and temperature, are used as indices of the degree of pneumonia. It is possible that analgesia could obscure important clinical signs, or even that it could induce lethargy which is normally a good marker of severe pneumonia.

Unfortunately there are no reliable subjective or objective clinical findings which can predict the likelihood of death before a point of severe illness in the animals. Therefore, it is necessary to use very severe illness as an endpoint, rather than an earlier time point. Some journal reviewers have even criticized the present severe illness endpoint, demanding an endpoint of death as being more objective. I am certain that the reliability of the animal data would be justifiably attacked, were I to use an earlier time point than my present one.

and its use is voluntary. Names,	addresses, pration. A Colu	the Column E explanation. It is not an official form otocols, veterinary care programs, and the like, are mmn E explanation must be written so as to be
1. Registration Number:	23-R-0023	`
2. Number	2	_of animals used in this study.
3. Species (common name)	Sheep	of animals used in this study.
4. Explain the procedure prod	lucing pain a	nd/or distress.
intubated and anesthesia maintained w With the animal supine and peritoneal cavity entered. Transdiaph probe cover. Right femoral area and r A small left thoracotomy w coronary arteries were ligated (LAD)	with forane 1.5% under sterile con agmatic echocal right neck area was made under /D2). Prior to la lidocaine infusi	onditions, an abdominal incision (4 cm) was made and the ardiographic images were obtained using a sterile ultrasound
5. Provide scientific justification relieved. State methods or methods or methods with test question 6 below)	ans used to d	etermine that pain and/or distress
above. Both animals were subjected surgeries. Clinical signs developed shapes	d to subsequent hortly after the u found dead in th	ery protocol involving production of an infarct as explained ultrasound procedures which require survival abdominal ltrasound surgery. The animals were treated but were noneir cage. In the professional judgement of the veterinarian, failure.
	is (CFR) title	this procedure? Cite the agency, number and the specific section
Agency		CFR

Registration No. 23-R-0023 2 Sheep

Question No. 4 (cont'd.)

The abdominal incision was reopened and post-infarction transdiaphragmatic echocardiography was performed. The incision was irrigated and closed. Both the neck and femoral incisions were also irrigated and closed.

Follow-Up Study

Sheep was induced, intubated and anesthetized in the same manner as previously described.

Using sterile technique, an abdominal incision was made and the peritoneal cavity entered. Transdiaphragmatic echocardiograms were performed. The incision was closed.

UNIVERSITY of PENNSYLVANIA

University Laboratory Animal Resources

DEC 2 6 0000

December 22, 2000

Office of the Director Medical School Mailroom Mail Code: 6014 Philadelphia PA 19104

(b)(6), (b)(7)c Fax: 21<u>5-573-9998</u>

E-Mail: (b)(6), (b)(7)c

Dr. Elizabeth Goldentyer, Director Animal Care, Eastern Region USDA, APHIS 920 Campus Drive Suite 200, Unit 3040 Raleigh, NC 27606

Dear Dr. Goldentyer,

I regret that I have to inform you that an error of omission was made in the University of Pennsylvania's Annual Report of Research Facility. This is to amend that report and correct the error.

Twenty dogs were mistakenly reported in column "D" when they should have been reported in column "E". These are SCID dogs which, because of their deficient immune system, contract pathological conditions caused by organisms which, in normal dogs, are not normally pathogenic or which respond well to treatment. I have attached the form explaining the situation with these dogs.

The past year's use of dogs at the University was as follows:

Column B	Column C	Column D	Column E	Column F
110	711	306	20	1,147

I apologize for any inconvenience.



(b)(6), (b)(7)c

Attachment

Cc: (b)(6), (b)(7)c

an no	nd its use is voluntary. Name	es, addresses, pr anation. A Colo	he Column E explanation. It is <u>not</u> an official form otocols, veterinary care programs, and the like, are amn E explanation must be written so as to be	3
1.	Registration Number:	23-R-0023	· ·	
2.	Number 20	·····	_of animals used in this study.	
3.	Species (common name)	Dogs	of animals used in this study.	
4.	Explain the procedure pr	oducing pain a	nd/or distress.	
	they lack an effective imr	nune system, the athogenic to do	combined Immune Deficiency (SCID). Because by are subject to disease conditions caused by gs or, in some cases such as demodectic mange,	
re re	lieved. State methods or r	neans used to d	and/or distress could not be etermine that pain and/or distress Federally mandated testing, see	
	However, a papilloma vir Various treatments have h	us causing wart and no to modes	gressively treated, usually successfully. like lesions of the feet occasionally occurs. degrees of success but the animals still have nent currently being tried which shows potential	-
th		ions (CFR) title	this procedure? Cite the agency, number and the specific section	
A	gency	(CFR	

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. コヨース・ダビナ

353 FOI

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT
OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADOUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

Lehigh University:

Office of Research and Sponsores Programs
526 Brodhead Ave.

Bethlehen, PA 18015

REPORT OF ANIMALS USED BY OF	LINDER CONTROL OF	E BECEARCH EACH (TV	/Attack official about 16 - a		
A.	B. Number of	C Number of			·
Animals Covered By The Animal Welfare Regulations 12. &/OR 13. Other (List by species)	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analysesic, or tranquillizing drugs would have adversely effected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	NA	~ ₽	NA	mast air on Marakin	NA
5. Cats	NA	NA	WA	WA I STATE OF THE	NA
6. Guinea Pigs	NA	NA	MA	NA.	NA
7. Hamsters	96	84	406	fasted=114 (see attached)	700
8. Rabbits	NA	NA	NA	NA .	NA
9. Non-human Primate	r NA	NA	NA	NA	NA
10. Sheep	MA	NA	NA	NA	NA
H. Pigs	NA	NA	NA	NA	NA
12,8ther farm animals	NA	NA	NA	NA	NA
13. Other animals					-
MICE	521	479	1520	0	2520
RAT3	<i>D</i>	0	0	0	٥
		<u></u>			
	~				<u> </u>
			-		
ASSURANCE STATEMENTS					

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

(Chief Executiv	BY HEADQUARTES RESEARCH FACILITY OFFICIAL re Officer or Legally Responsible Institutional Official) the above is true, correct, and complete (7 U.S.C. Section 2143).	
IGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		12/5/00

23 KOCUT 353

EXEMPTION FROM FEEDING STANDARD

{The attached "Continuation Sheet for Annual Report of Research Facility" for October, 31, 1999 to September 1, 2000 states that 114 hamsters were used in experiments that may have caused accompanying pain or distress but were not anesthetized and did not receive analgesia. This refers to 114 hamsters that were food deprived (but did not receive any surgery). No other animals are exposed to stressful experimental procedures without anesthetic or analgesic other than this food deprivation paradigm described below.}

Since we are studying the nutritional and energetic signals that control reproduction, in some of our experiments, animals are food restricted or fasted. During fasting or food restriction, no anesthesia or analgesics are given because the animals are not in pain or distress. However, despite the fact that the animals are not in pain or distress, we have been asked to fill in the number of animals that are food restricted or fasted in the space labeled "E" on Interagency Report Control NO. 01800-DOA-AN.

In our experiments, hamsters are food restricted or fasted to the extent that estrous cycles are interrupted but are not restricted further. When animals are fasted or food restricted, effects on fertility and ovulation occur long before any other adverse health consequences (Merry and Holehan, 1979; Merson and Kirkpatrick, 1981, Bronson, 1989). This is because animals have a sensory system designed to detect internal energy availability (Schneider, 1992). The sensory detectors of fuel availability send signals to parts of the brain that control fertility and ovulation as well as those areas that control hunger, food intake and caloric homeostasis. My experiments are designed to study the mechanisms that underlie this link between energy and fertility. Thus, in most experiments, hamsters are fasted to a degree that induces infertility and anestrous, but not to a degree that causes health problems. This is possible because fertility is affected prior to any effect on general health. All of the available information on the effects of food deprivation in Syrian hamsters comes from work in my own laboratory or in the laboratories of Drs. George N. Wade and Lawrence P. Morin. For example, Dr. Morin (Morin, 1975; 1986) found that a 48 hour fast, but not a 24 or 36 hour fast, on days 1 and 2 of the estrous cycle induced anestrus, but this fast had no other health effects. NOTE: Hamsters have a 4-day estrous cycle with ovulation and estrous behavior occurring on Day 4. One important piece of evidence demonstrating that a 48 h of fast is not harmful to Syrian hamsters is that when the 48 hour fast occurs on Days 2 and 3, Days 3 and 4, or on Days 4 and 1 or the cycle, there is no effect on estrous cyclicity (the hamsters showed normal ovulation rates and vigorous sex behavior). Ovulation and estrous behavior are inhibited only when the fast occurs on Days 1 and 2 of the estrous cycle, but not on any other days. Morin also found that normal estrous behavior could be easily reinstated in the 48 hour fasted hamsters by giving an injection of estradiol. Furthermore, the effects on estrous cyclicity are rapidly reversed when the hamsters are returned to ad lib feeding. I subsequently demonstrated that the same 48 hour fast had no effect on estrous cyclicity

or health in previously fattened hamsters (Schneider and Wade, 1989, Schneider and Wade, 1990). Thus, a 48 hour fast has no effect on estrous cyclicity whatsoever when the hamsters have a high body fat content. In general, the fatter the hamster, the longer the period of food restriction necessary to induce anestrous. As long as the hamsters have been fed ad libitum prior to the 48 h fast, there is little effect on fertility. Again, it is critical to understand that the effects on fertility occur prior to any generalized health problems. In my experiments, the most extreme form of caloric restriction will be a 60 h fast that occurs on days 1 and 2 of the estrous cycle. Body weight is recorded and general health condition is monitored daily. In addition to a fasted group, other groups will be fasted and injected (or infused) with metabolic fuels or nutrients to examine their role in maintenance of normal reproductive function. Hamsters in the laboratory tend to become obese as they grow older. In some experiments, obese hamsters will be restricted to 85% of their ad libitum intake for up to one week prior to the start of the experiment to insure that they are not too fat, but still show normal estrous cycles and no signs of poor health.

Analgesics are not appropriate because we are measuring indices of estrous cyclicity which is under control of hypothalamic luteinizing hormone releasing hormone (LHRH), also known as gonadotropin releasing hormone (GnRH). LHRH and LH levels are adversely affected by opiates because it is well-known that opiates and opiate derivatives, including analgesics such as buprenorphine, butorphenol and morphine, affect pitiutary hormone secretion and hypothalamic LHRH (GnRH) secretion (2-12).

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 23-R-0147

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

NOV 15 2000

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

include Zip Code) Wyeth-Lederle Vaccines

American Home Products Corporation 280 King of Prussia Road Radnor, PA 19087

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Sites)

Pearl River, NY

(AUG 91)

Animals Covered By The Animal Welfare Regulations	8. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompunying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMAL (Cols. C - D + E)
1. Dogs					
5. Cats					
5. Guinea Pigs	0	3,525	1,617	2,728	7,870
7. Hamsters					
3. Rabbits	0	2.196	607	0	2,803
Non-human Primates					
I0. Sheep					
1. Pigs					
2. Other Farm Animals					
Horses	0	48	0	0	48
3. Other Animals					
Ferrets	0	0	533	0	533
ASSURANCE STATEMENTS					

- 1). Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to poinful procedures.
- 3). This lacility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive Offi	EADQUARTES RESEARCH FACILITY OFFICIAL cer or Legally Responsible Institutional Official) ove is true, correct, and complete (7 U.S.C. Section 2143).	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
· 		1/2/00

. :3 (OCT 88), which is obsolete)

WC PART 1 - HEADQUARTERS

ATTACHMENT TO APHIS FORM 7023 23-R-0147

CATEGORY E PROCEDURES

SPECIES	TOTAL NUMBER EXCEPTED	BRIEF EXPLANATION OF PROCEDURE (Required)	REASON FOR PROCEDURE
Guinea Pig	713	Procedure follows CFR requirements for product testing and release. Guinea Pigs are injected subcutaneously with toxin/antitoxin mixtures to determine potency of diphtheria and tetanus toxoids. The use of analgesics, anesthetics and/or tranquilizers is prohibited by CFR requirements. This prohibition is based on interference of these agents with observations required by the test.	To comply with Code of Federal Regulations governing the release and testing of diphtheria and tetanus toxoids. Reference: 21 CFR, Chapter 1, Subchapter F, 4/01/98 Edition, Parts 600. (h) (3), (n), (s); 610.1 and 610.10.
Guinea Pig	3,632	Procedure follows WHO/EP requirements for product testing and release. Guinea Pigs are immunized subcutaneously with diphtheria toxoid followed by subcutaneous diphtheria toxin challenge. The use of analgesics, anesthetics and/or tranquilizers is prohibited by EP requirements. This prohibition is based on interference of these agents with observations required by the test.	To comply with EP Regulations governing the testing and release of diphtheria toxoids. Reference: EP, 1982, pp 153-1-2-3. EP, 1985, pp 445-1-2. EP, 1990, v.2.2.7,-3-4. EP, 1997, Part 2.76, pp 113-115

FACILITY STIES LISTING

NOV 15 2000

	0.0	
License/Registration	on Number: 2	3-R-0147
sure to include a	ll requested :	t house regulated animals under the above number. Be information. If the line does not apply, please mark three (3) sites copy this form as many times as needed
Site No.: 1 Na	me/Department	Bioresources
	Address	: 401 N. Middletown Road
		Pearl River, NY 10965
	Building	: 180
	Floor/Room	: 1st Floor
c	ontact Person	(b)(6), (b)(7)c
•	······································	
Site No.: 2 Na	me/Department	Quality Assurance
	Address	: Wasp & Biddle Streets
		Marietta, PA 17547
	Building	24
•	•	lst Floor
Co	ontact Person:	(b)(6), (b)(7)c
ه يو		
Site No.: 3 Nam	ne/Department:	Biological Development
	Address:	Wasp & Biddle Streets
		Marietta, PA 17547
	Building:	32
·	Floor/Room:	lst Floor
Ca	ntact Person:	(b)(6), (b)(7)c

FACILITY SITES LISTING

. NOV + 5 2000

Licensee/Registrant Name:	Wyeth-Lederle Vaccines
License/Registration Number:	23-R-0147
sure to include all requested i	t house regulated animals under the above number. Be information. If the line does not apply, please mark three (3) sites copy this form as many times as needed
Site No.: 4 Name/Department	Biological Manufacturing
Address	Wasp & Biddle Streets
	Marietta, PA 17547
Building	9
Floor/Room:	lst Floor
Contact Person:	(b)(6), (b)(7)c
·	•
Site No.: Name/Department:	
Address:	
Building:	
,	
•	Phone No.:
Site No.: Name/Department:	
Address:	
Building:	
	Phone No.:

120 See reverse side for additional information

Interagency Report Control No. 0180-00A-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

24

FACILITY LOCATIONS (Sites)

1. REGISTRATION NO.

FORM APPROVED () OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

23-R-0059, Cust ld 723

SANOFI-SYNTHELABO, INC 9 GREAT VALLEY PARKWAY MALVERN, PA 19355

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, te sheets if necessary.)

additional

Building 25 9 Gard Valley Parkings
Building 25, 9 Great Valley Pankway Samfi - Sunthelaton Research
JAMH - Junthelato Kesearch
Malvern, PA 19355

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	' (Attach adiditional sheets if ne	cessery or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or lests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		107	34	60	201
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
•					
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	Y HEADQUARTES RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional Official) ne above is true, correct, and complete (7 U.S.C. Section 2143).	
Si	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		17/11/00

-23 (OCT 88), which is obsolute)

Sanofi-Synthelabo Research Registration # 23-R-0059 November 2000

The following provides an explanation of the procedures producing pain or distress and the reasons anesthetic, analgesic or tranquilizing drugs were not used. During the current reporting period, sixty (60) out of a total of 201 rabbits were classified as "Category E".

One (1) rabbit was on an intravenous dose definitive developmental toxicity study to examine the effects of a candidate pharmaceutic. This animal was found dead during the study. Treatment was not administered to the animal because there was a lack of adverse clinical signs or other indications that treatment was needed.

Eighteen (18) of the rabbits were on a 48 hour study to examine the irritation potential of a candidate pharmaceutic when given by the intravenous route or if a misinjection was given to humans. These animals experienced varying degrees of irritation to the ears including discoloration, redness and swelling. No animals had open areas or self-traumatized. Treatment with anesthetics, analgesics or tranquilizers was not performed because the administration of an agent to these animals (1) would have confounded the scientific interpretation of the biological data derived from these studies, (2) was not indicated by the clinical signs observed, and (3) would likely have interfered with the assessment of the irritation potential of the pharmaceutic being tested.

Thirty-one (31) of the rabbits were on various developmental toxicity studies to examine the potential effects of a candidate pharmaceutic on *in utero* development. These animals received the candidate pharmaceutic via the ear vein. Due to the compound being moderately irritating these animals experienced varying degrees of redness, swelling and discoloration in the ears. No animals had open areas or self-traumatized. Treatment with anesthetics, analgesics or tranquilizers was not performed because the administration of an agent to these animals (1) would have confounded the scientific interpretation of the biological data derived from these studies, (2) was not indicated by the clinical signs observed, and (3) would likely have interfered with the assessment of the effects of the pharmaceutic being tested. Animals severely affected were humanely euthanized.

Ten (10) of the rabbits were on a single dose study examining the potential cardiac effects of a candidate pharmaceutic. Four of these animals were found dead soon after dosing with clinical signs of clonic convulsions and paleness. No treatment was administered due to the nature of the study and because death occurred immediately following the observance of the adverse clinical signs. The other six animals showed clinical signs of increased respiration, prostration, tremors, and decreased motor activity on the day of dosing but were fully recovered within a few hours. These animals were not treated with anesthetics, analgesics, tranquilizers or other agents at the time of clinical signs because administration would have confounded the scientific interpretation of the biological data

Sanofi-Synthelabo Research Registration # 23-R-0059 November 2000

derived from these studies and would likely have interfered with the assessment of the effects of the pharmaceutic being tested.

Other animals originally classified in the E category at the time of protocol approval and study initiation due to the uncertainty as to compound effects have been reclassified in this report in the C or D category due to the absence of any pain or distress requiring treatment with analgesics, anesthetics or tranquilizers or due to the appropriate treatment being given.

1. REGISTRATION NO.

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

NCV

23--R-0037

FORM APPROVED OMB NO 0579-0036

d with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUA include Zij 23-R-0037, Cust ld 329

ROHM & HAAS COMPANY INDEPENDENCE MALL W. PHILADELPHIA, PA 19105

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Rohm and Haas Co., Toxicology Dept.

Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMAL: (Cols. C + D + E)
4. Dogs	0	3	1	. 0	4
5. Cats	NA	NA	NA	NA	NÁ
6. Guinea Pigs	0	460	0	3C,D	463
7. Hamsters	NA	NA	NA	NA	NA
8. Rabbits	0	259	0	16 ^A ,B	275
9. Non-human Primates	NA	NA	NA	NA NA	NA.
10. Sheep	NA	NA	NA	NA	NA
11. Pigs	NA	NA	NA	NA	NA
12. Other Farm Animals	NA	NA	NA NA	NA	NA
13. Other Animals	NA NA	NA	NA	NA	NA

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the rins admiring to the standards and regulations direct the Art, and it has required that exceptions to the standards and regulations despended by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL. (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF A CO. PICTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	11/17/00		

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete)

Column E Explanation Form

(A) Six (6) rabbits used in a skin irritation study necessary for product safety assessment and product labeling requirements experienced severe skin irritation during the conduct of testing. A measured amount of test material was placed on the shaved skin of the rabbit to determine the effect the material would have on the integrity of the skin. In this instance, the material was severely irritating to the skin. In the investigator's judgment these animals may have experienced pain after dosing and were reported as such on the 2000 annual report. The Study Director did not administer any analgesics prior to testing because it was not obvious that the material would cause the severity of irritation seen during the test. Use of the analgesics after the administration of the test material could potentially inhibit or enhance the presence of any toxicological signs and would have required additional animals to act as control groups for the analgesics. Finally use of analgesics may have an adverse effect on the acceptability of the data to world wide regulatory bodies for which these studies are conducted.

In each case the animals experiencing pain and suffering were euthanized as soon as the study protocols and testing guidelines allowed.

Our test methods for this study are consistent with the following:

US EPA OPPTS: Series 870.2500: Acute Dermal Irritation OECD Guideline 404
Japan 59 NohSan No. 4200, Primary Dermal Irritation Study ECC Directive 92/69/EEC B.4.

(B) Ten (10) rabbits used in dermal toxicity study necessary for product safety assessment and product labeling requirements died shortly after test material was placed on the skin of the animal during the conduct of testing. A measured amount of test material was placed on the shaved skin of the rabbit to determine the potential systemic toxic effect the material would have on the animal. In this instance, the material was highly toxic and the animal died shortly after the material was placed on the skin. In the investigator's judgment, these animals may have experienced pain after dosing and were reported as such on the 2000 annual report. The Study Director did not administer any analgesics prior to testing because it was not obvious that the material would cause the severity of toxicity seen during the test. Use of the analgesics after the administration of the test material could potentially inhibit or enhance the presence of any toxicological signs and would have required additional animals to act as control groups for the analgesics. Finally, use of analgesics may have an adverse effect on the acceptability of the data to world wide regulatory bodies for which these studies are conducted.

In this case, the animals experiencing pain and suffering died shortly after test material administration and before euthansia could be considered.

Our test methods for this study are consistent with the following:

US DOT (1996) U.S. Department of Transportation, Class 6-Assignment of Packing Group, Federal Register, Section 173.132.

(C) Two (2) guinea pigs used for sensitization testing using the Magnusson and Kligman assay died or were euthanized during the induction phase of this assay. The induction phase of the Magnusson and Kligman assay involves the intradermal injection of a measured amount of test material suspended in Freund's Complete Adjuvant on specific shaved, dosing sites on the backs of the guinea pig. After the induction dose, the sites are occluded by wrapping the animals with elastic bandage. One animal was found dead and one animal experienced a prolapsed rectum during the induction phase of the study. In the investigator's judgment these animals may have experienced pain after the induction dose and were reported as such on the 2000 annual report. The Study Director did not administer any analgesics prior to testing because it was not obvious that the material or procedure would cause the reaction seen during the test..

In this case, one animal experiencing pain and suffering died shortly after test material administration and before euthansia could be considered. The other animal was euthanized immediately after the rectal prolapse was detected

Our test methods for this study are consistent with the following:

US EPA OPPTS: Series 870.2600: Skin Sensitization OECD Guideline 406
Japan 59 NohSan No. 4200, Dermal Sensitization Study ECC Directive 92/69/EEC B.6.

(D) One (1) guinea pig used for sensitization testing using the Magnusson and Kligman assay experienced severe skin irritation during the induction phase of this assay. The induction phase of the Magnusson and Kligman assay involves the intradermal injection of a measured amount of test material suspended in Freund's Complete Adjuvant on specific shaved, dosing sites on the backs of the guinea pig. After the induction dose, the sites are occluded by wrapping the animals with elastic bandage. After the induction dose, the guinea pig experienced a severe skin irritation response. In the investigator's judgment these animals may have experienced pain after the induction dose and were reported as such on the 2000 annual report. The Study Director did not administer any analgesics prior to testing because it was not obvious that the material or procedure would cause the reaction seen during the test..

In this case, the animal was euthanized after the severity of the irritation was determined by examination by the technical staff.

Our test methods for this study are consistent with the following:

US EPA OPPTS: Series 870.2600: Skin Sensitization OECD Guideline 406
Japan 59 NohSan No. 4200, Dermal Sensitization Study ECC Directive 92/69/EEC B.6.

See reverse side for additional information

cteragency Hebrit Solitical No MA-AQQ-0810

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

23-R-0061

FORM APPROVED 1 OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

23-R-0061, Cust Id 352

MILLENNIUM BIORESEARCH INC. 1765 WENTZ ROAD P.O. BOX 178

SPINNERSTOWN, PA 18967 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing,

ach additional

FACILITY LOCATIONS (Sites)

1765 Wentz Road

10060

B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMAL: (Cols. C + D + E)
0				
0				
60	1047	0	415	1522
0	40	0	0	40
446	2375	0	222	3043
0				
0			Ĺ	
0				
0				
N/A				
	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. O O 1047 0 40 446 2375 0 0 0	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. O O 10 1047 0 446 2375 0 0 0 0	animals being bred, conditioned, or held for use in teaching, research, research, research, research, or surgery but not yet used for such purposes. O 10 10 10 10 10 10 10 10 10

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 USC Section 2143)			
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED	

API

which is obsolete)

COLUMN E EXPLANATION

Facility Registration No: 23-R-0061

Rabbits: The rabbits listed in Section E of the Annual Report were used in EPA or OECD ocular or dermal irritation studies in which the use of anesthetics may mask or worsen the responses being investigated. In cases where we have reason to believe that ocular or dermal reactions may be severe, we suggest to the study sponsor that only one rabbit be tested. In cases where the reaction is unexpectedly severe, the sponsor is notified and the animals are humanely sacrificed to avoid further pain.

Guinea Pigs: The guinea pigs listed in Section E were all used on Magnusson-Kligman sensitization evaluations which are required under OECD testing guidelines. The initial inductions used for these studies involve the use of Freund's Complete Adjuvant, which produces irritant reactions. This is a regulatory driven assay which does not allow for the use of analgesia or anesthetics.

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 23-R-0084

FORM APPROVED OMB NO. 0579-0036

OCT 2 0 2000

AND EACH ITY (Name and Address, as registered with USDA, 2. HEADOU include Zi 23-R-0084. Cuet let 240

must be attached to this report).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

purposes.

AVENTIS PASTEUR INC PO DOX 17 ROUTE 011 SWIFTWATER, PA 18370

Aventis Pasteur Inc. Discovery Drive Swiftwater, PA 18370

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentarion, and in actual research, testing, teaching, or experimentarion, and in actual research, testing, teaching, or experimentarion, and the second sheets if necessary.)

relieving drugs

ach additional

EPORT OF ANIMALS USED BY	OR UNDER CONTROL OF	F RESEARCH FACILITY	(Attach adiditional sheets if ne	ecessary or use APHIS FORM 7023A)	·
Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate enesthetic, analgesic, or tranquilizing drugs were	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used to this record).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)

FACILITY LOCATIONS (Siles)

4. Dogs		<u> </u>		
5. Cats				
6. Guinea Pigs	3001	1284	1787	6072
7. Hamsters				
8. Rabbits	355		24	379
9. Non-human Primates				
10. Sheep				
11. Pigs				

ASSURANCE STATEMENTS

12. Other Farm Animals

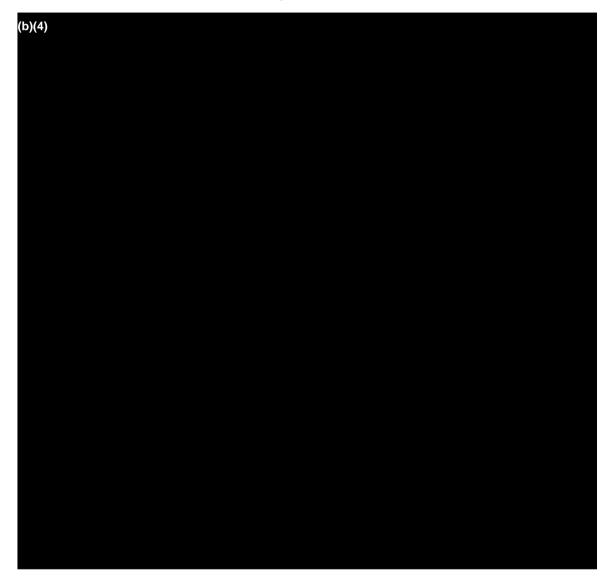
13. Other Animals

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to poinful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. It addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL. (Chief Executive Officer or Legally Responsible Institutional Official) certify that the above is true, correct, and complete (7 U.S.C. Section 2143).			
SIGNATI	TITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	10/17/00

Column E Explanation Form

- 1. Registration number: 23-R-0084
- 2. Category E Animal Usage reported in Annual Report of Research Facility.
- 3. <u>Category E tests conducted in guinea pigs</u>: Tests were conducted involving pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected results of the tests.



Column E Explanation Form (cont'd)



4. <u>Category E tests conducted in rabbits</u>: Tests were conducted involving pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected results of the tests.

